

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119357.D
 Acq On : 11 Mar 2020 20:39
 Operator : CG/JU
 Sample : L1871-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM

Quant Time: Mar 12 06:51:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101361	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	387897	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	219080	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	412804	20.00	ng	0.00
76) Chrysene-d12	13.89	240	277945	20.00	ng	0.00
87) Perylene-d12	15.32	264	279175	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	605167	99.78	ng	0.00
7) Phenol-d6	6.37	99	715211	96.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	482871	65.73	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	264656	92.35	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	975945	65.63	ng	-0.01
79) Terphenyl-d14	12.82	244	1250392	77.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	98081	36.320	ng	98
3) Pyridine	3.16	79	228130m	30.933	ng	
4) n-Nitrosodimethylamine	3.10	42	90140	40.347	ng	99
6) Aniline	6.39	93	258415	28.391	ng	92
8) 2-Chlorophenol	6.52	128	288874	44.133	ng	97
9) Benzaldehyde	6.27	77	196810	39.934	ng	96
10) Phenol	6.39	94	337763	42.351	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	261233	42.809	ng	97
12) 1,3-Dichlorobenzene	6.66	146	316111	40.293	ng	97
13) 1,4-Dichlorobenzene	6.73	146	321838	40.995	ng	99
14) 1,2-Dichlorobenzene	6.89	146	298548	41.698	ng	98
15) Benzyl Alcohol	6.87	79	237864	44.617	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	205816	38.936	ng	# 20
17) 2-Methylphenol	6.99	107	231723	43.665	ng	93
18) Hexachloroethane	7.22	117	114774	40.864	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	196758	45.776	ng	95
20) 3+4-Methylphenols	7.15	107	309667	47.629	ng	# 84
22) Acetophenone	7.13	105	387047	43.125	ng	# 94
24) Nitrobenzene	7.30	77	300963	41.427	ng	96
25) Isophorone	7.55	82	540682	42.377	ng	99
26) 2-Nitrophenol	7.62	139	159183	41.353	ng	97
27) 2,4-Dimethylphenol	7.67	122	244270	46.757	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	327113	39.389	ng	98
29) 2,4-Dichlorophenol	7.88	162	254015	41.302	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	277956	38.118	ng	99
31) Naphthalene	8.02	128	828792	41.199	ng	98
32) Benzoic acid	7.84	122	125519	35.025	ng	97
33) 4-Chloroaniline	8.09	127	136731	15.803	ng	96
34) Hexachlorobutadiene	8.14	225	172306	37.935	ng	98
35) Caprolactam	8.46	113	78126m	41.255	ng	
36) 4-Chloro-3-methylphenol	8.58	107	269336	43.272	ng	99
37) 2-Methylnaphthalene	8.72	142	570726	42.157	ng	99
38) 1-Methylnaphthalene	8.81	142	534764	42.002	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	287303	38.896	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119357.D
 Acq On : 11 Mar 2020 20:39
 Operator : CG/JU
 Sample : L1871-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM

Quant Time: Mar 12 06:51:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	53992	27.118	nq	100
43) 2,4,6-Trichlorophenol	9.00	196	178934	38.361	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	185297	37.856	nq	98
46) 1,1'-Biphenyl	9.17	154	697370	39.386	nq	98
47) 2-Chloronaphthalene	9.20	162	556329	38.990	nq	97
48) 2-Nitroaniline	9.31	65	160883	40.426	nq	99
49) Acenaphthylene	9.62	152	849673	41.230	nq	99
50) Dimethylphthalate	9.48	163	764756	45.650	nq	99
51) 2,6-Dinitrotoluene	9.55	165	152856	41.069	nq #	90
52) Acenaphthene	9.79	154	501284	40.341	nq	100
53) 3-Nitroaniline	9.72	138	84023	20.363	nq	90
54) 2,4-Dinitrophenol	9.85	184	90847	53.003	nq	93
55) Dibenzofuran	9.96	168	763765	41.179	nq	98
56) 4-Nitrophenol	9.92	139	111826	45.107	nq	96
57) 2,4-Dinitrotoluene	9.96	165	200076	41.472	nq	89
58) Fluorene	10.30	166	621924	43.152	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	161290	39.052	nq	99
60) Diethylphthalate	10.18	149	681357	43.158	nq	99
61) 4-Chlorophenyl-phenylether	10.29	204	326100	42.746	nq	96
62) 4-Nitroaniline	10.34	138	138773	32.872	nq	98
63) Azobenzene	10.45	77	611302	44.547	nq	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	93796	37.549	nq	98
66) n-Nitrosodiphenylamine	10.42	169	564196	41.741	nq	98
67) 4-Bromophenyl-phenylether	10.78	248	213032	39.481	nq	95
68) Hexachlorobenzene	10.86	284	243284	39.106	nq	96
69) Atrazine	10.94	200	189479	40.122	nq	99
70) Pentachlorophenol	11.06	266	143955	57.443	nq	99
71) Phenanthrene	11.26	178	923765	41.034	nq	99
72) Anthracene	11.32	178	974617	43.329	nq	98
73) Carbazole	11.48	167	842509	42.044	nq	98
74) Di-n-butylphthalate	11.80	149	1083639	44.654	nq	99
75) Fluoranthene	12.46	202	978005	40.927	nq	99
77) Benzidine	12.58	184	522220	46.199	nq	98
78) Pyrene	12.69	202	974801	43.677	nq	98
80) Butylbenzylphthalate	13.29	149	444552	47.327	nq	98
81) Benzo(a)anthracene	13.87	228	800820	42.286	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	214608	29.183	nq	100
83) Chrysene	13.91	228	772207	40.922	nq	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	626794	52.818	nq	99
85) Di-n-octyl phthalate	14.46	149	988855	52.299	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	815091	44.610	nq	100
88) Benzo(b)fluoranthene	14.91	252	752430	40.889	nq	98
89) Benzo(k)fluoranthene	14.93	252	689471	40.431	nq	99
90) Benzo(a)pyrene	15.26	252	651419	39.223	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	685655	46.921	nq	99
92) Benzo(g,h,i)perylene	17.15	276	666320	46.149	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

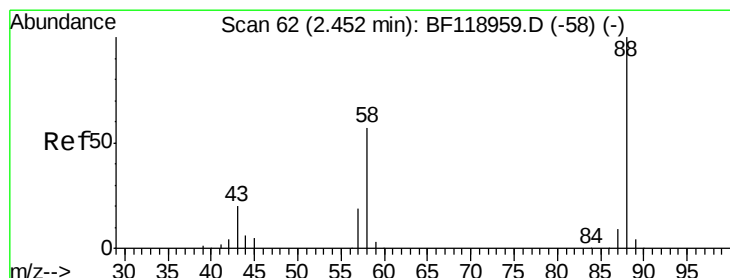
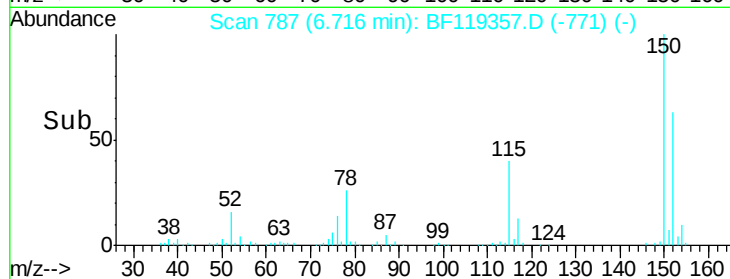
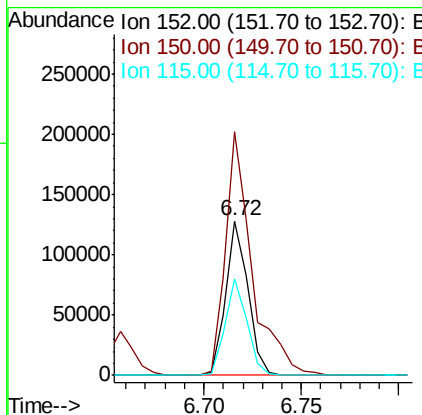
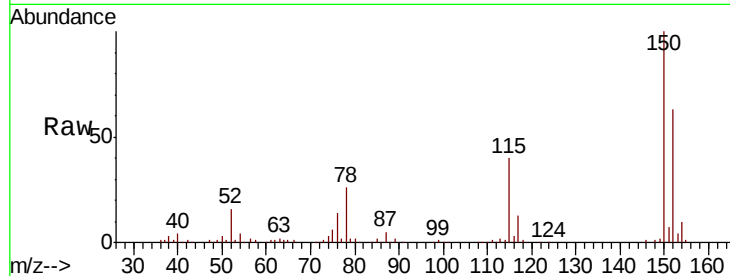
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.6
115	62.7	49.5	74.3

Manual Integrations
APPROVED

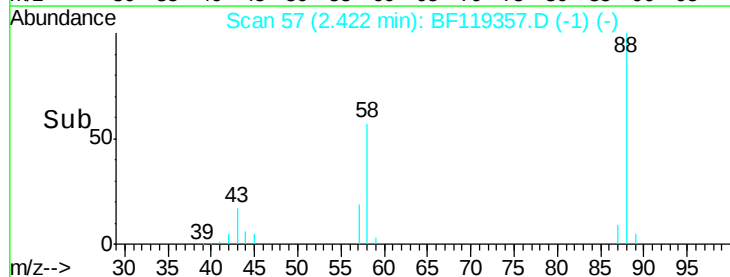
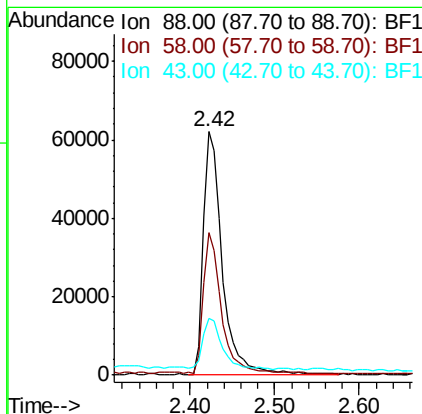
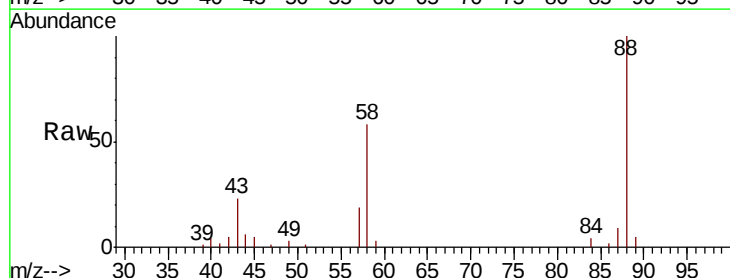
mohammad
3/16/2020 1:46:50 PM

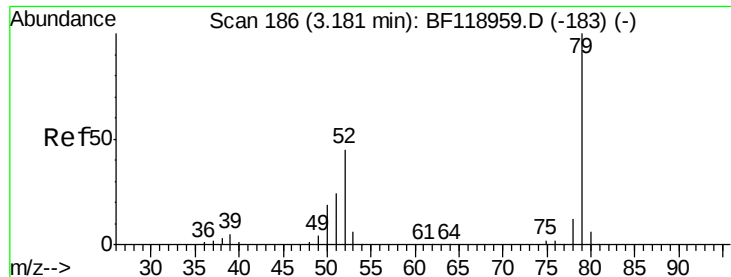


#2

1,4-Dioxane
Concen: 36.320 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.04 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.3	43.8	65.6
43	21.8	16.2	24.4





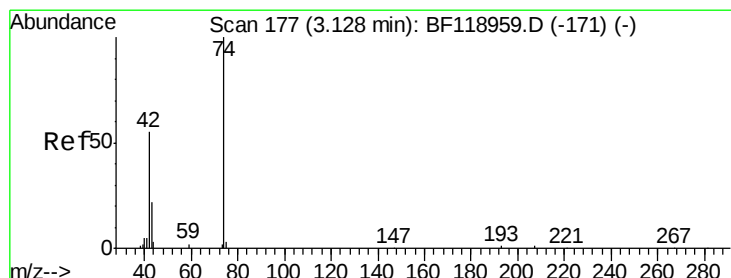
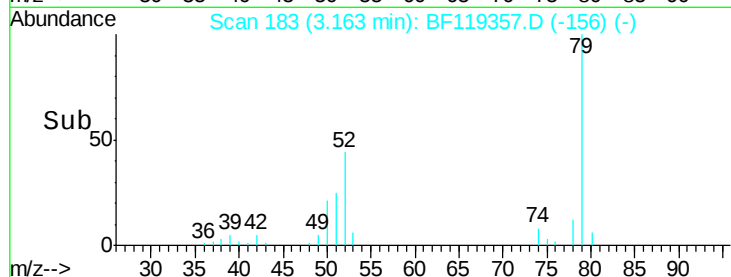
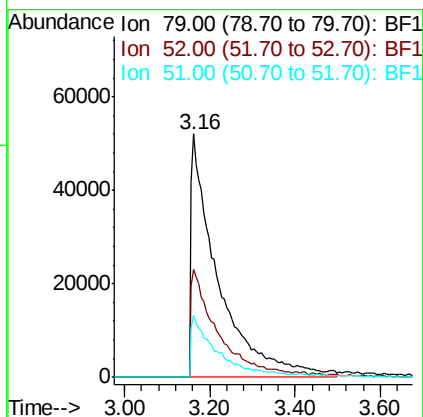
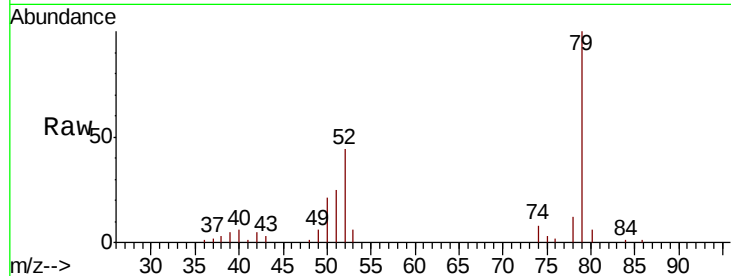
#3
 Pvridine
 Concen: 30.933 ng/ml
 RT: 3.16 min Scan# 183
 Delta R.T. 0.06 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion:	79	Resp:	228130
Ion	Ratio	Lower	Upper
79	100		
52	44.2	37.4	56.0
51	25.5	19.8	29.6

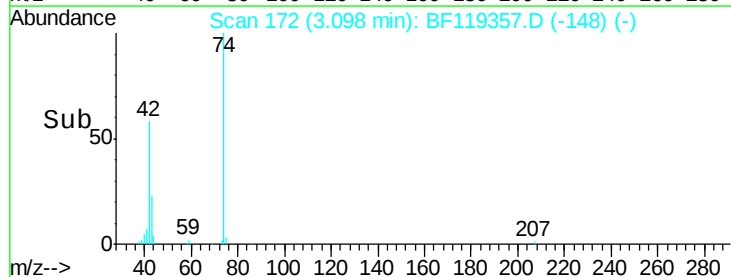
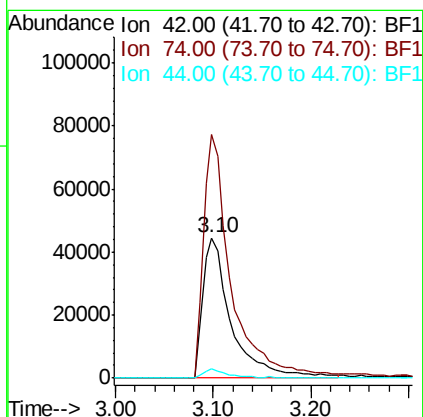
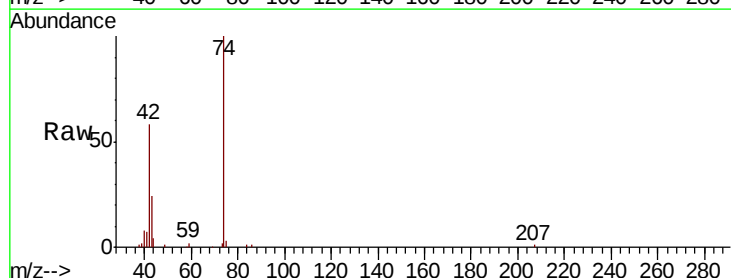
Manual Integrations
 APPROVED

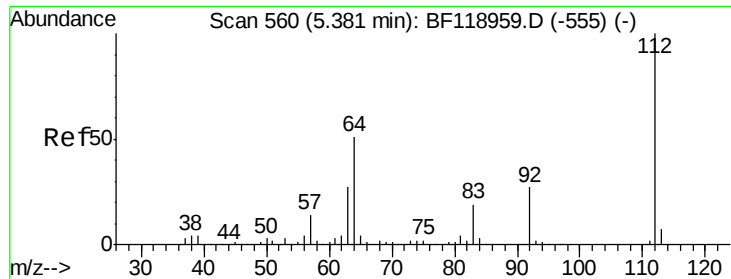
mohammad
 3/16/2020 1:46:50 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.347 ng/ml
 RT: 3.10 min Scan# 172
 Delta R.T. 0.04 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:	42	Resp:	90140
Ion	Ratio	Lower	Upper
42	100		
74	173.3	137.7	206.5
44	6.4	4.5	6.7





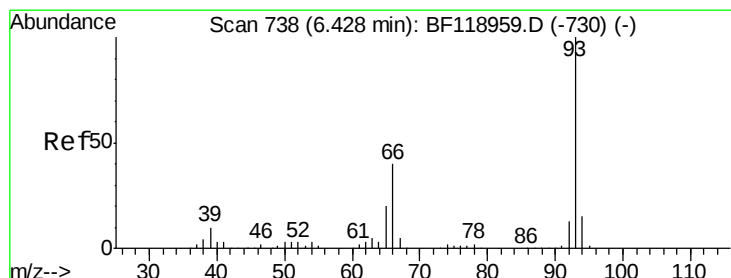
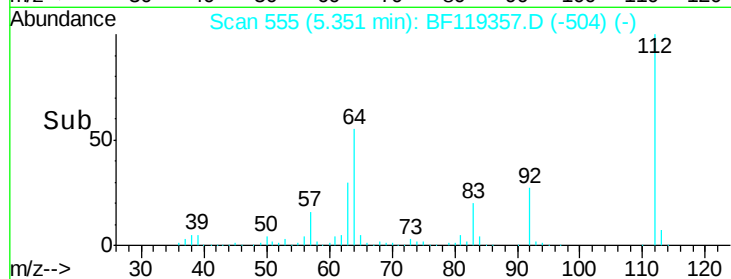
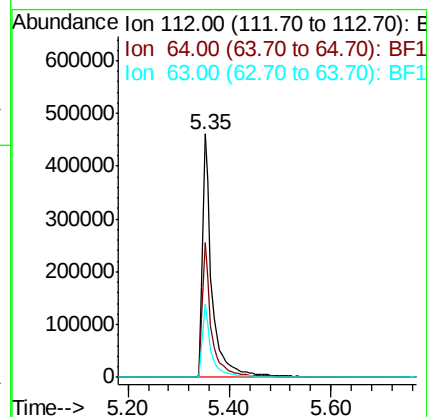
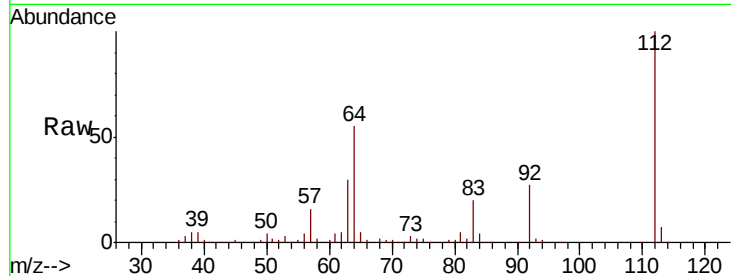
#5
2-Fluorophenol
Concen: 99.776 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.3	45.0	67.4
63	29.9	24.2	36.4

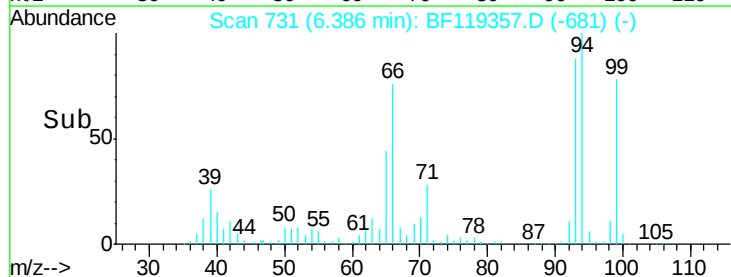
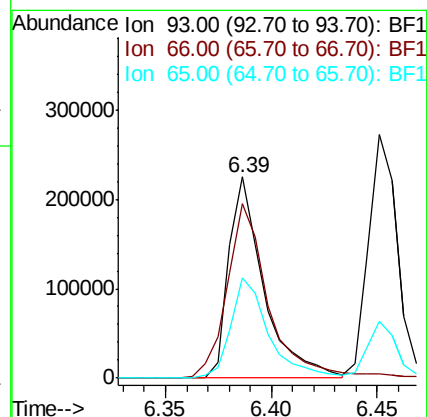
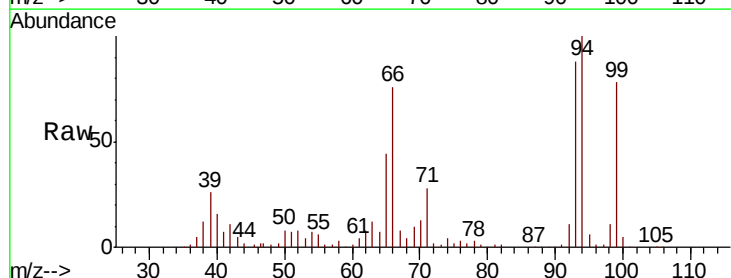
Manual Integrations
APPROVED

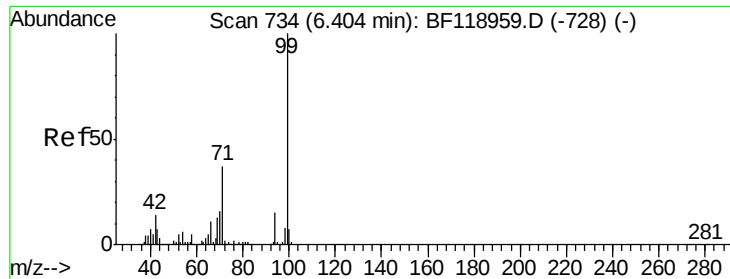
mohammad
3/16/2020 1:46:50 PM



#6
Aniline
Concen: 28.391 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	86.7	74.5	111.7
65	49.9	45.3	67.9





#7

Phenol-d6

Concen: 96.959 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

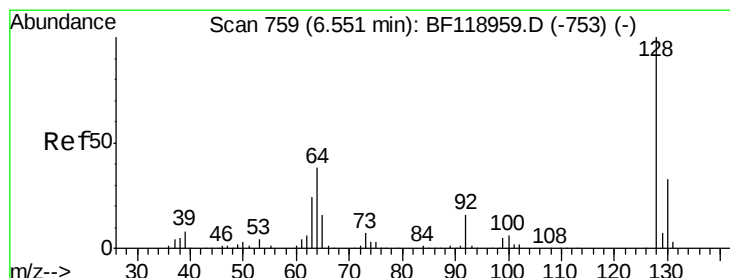
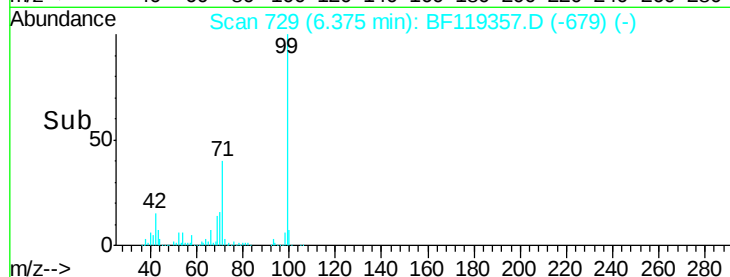
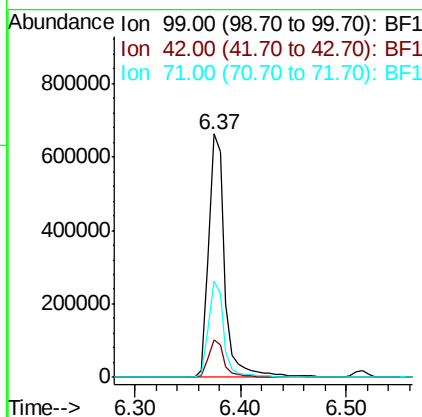
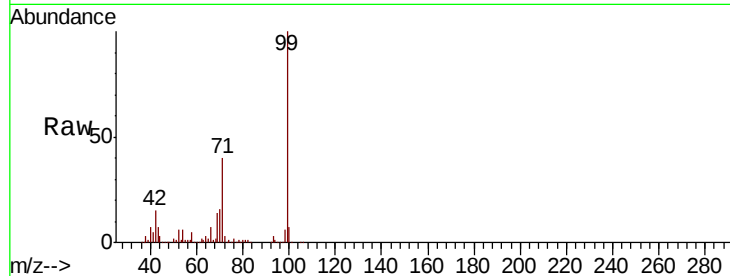
ClientSampleId :

TP-18-DAMS

Tot Ion:	99	Resp:	715211
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	39.5	31.0	46.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#8

2-Chlorophenol

Concen: 44.133 ng

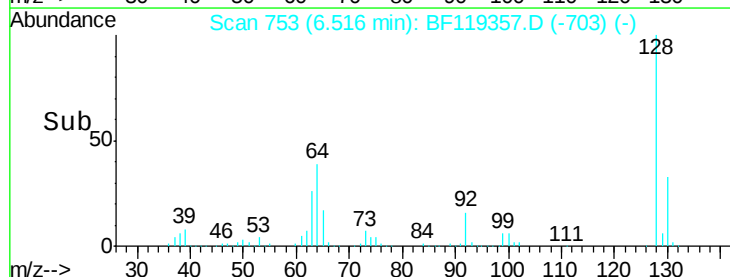
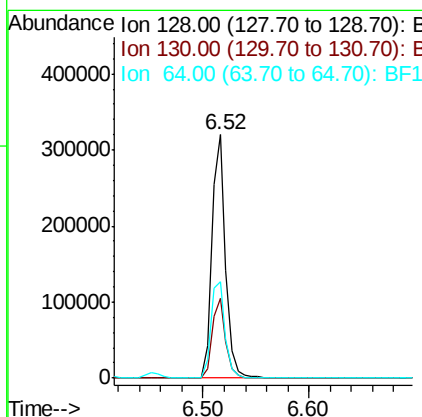
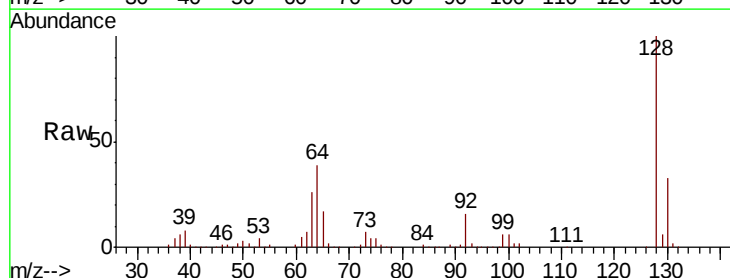
RT: 6.52 min Scan# 753

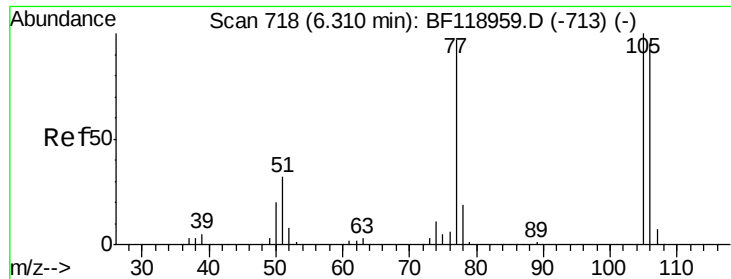
Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	128	Resp:	288874
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	39.4	22.3	62.3





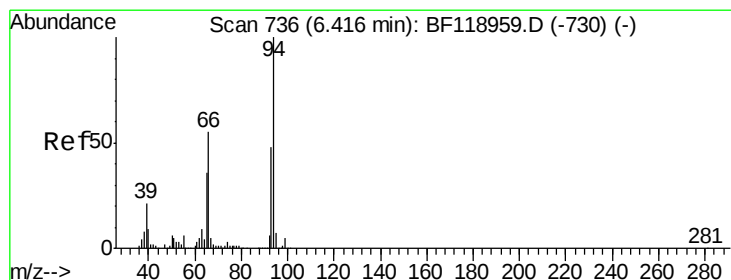
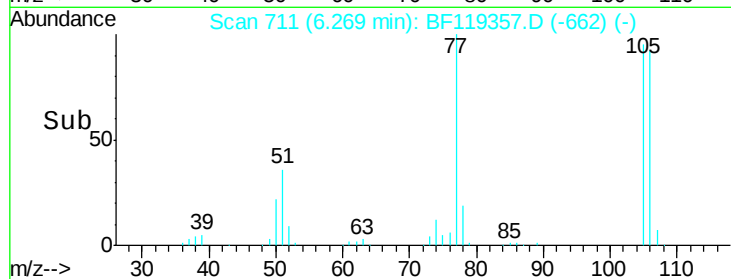
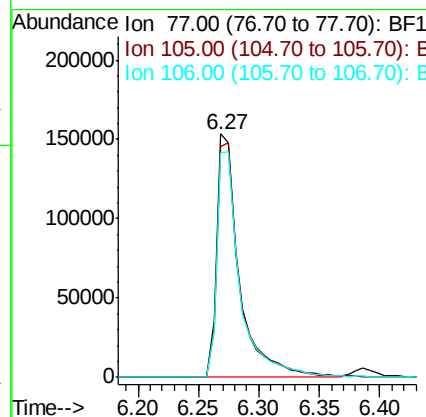
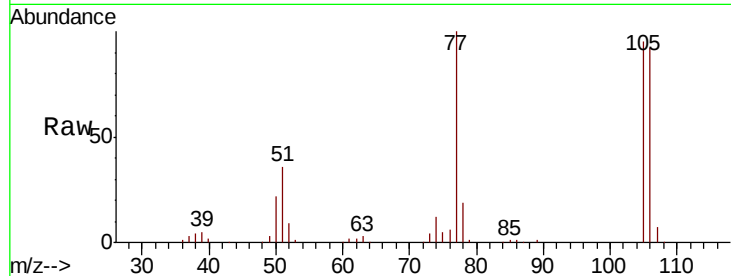
#9
Benzaldehyde
Concen: 39.934 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.0	80.1	120.1		
106	92.1	75.9	115.9		

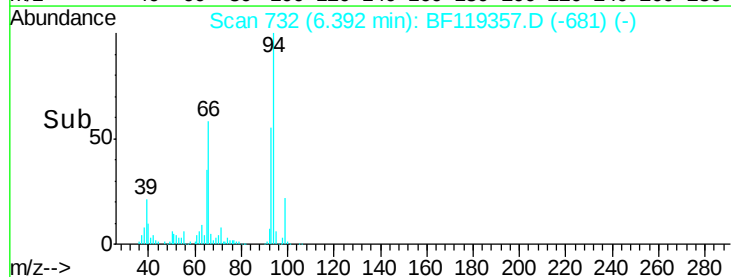
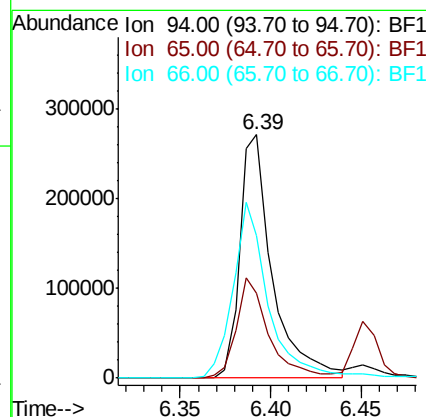
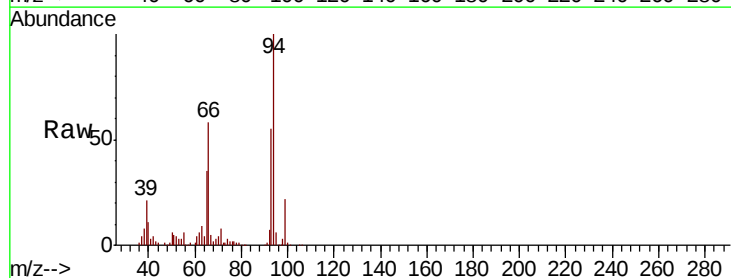
Manual Integrations
APPROVED

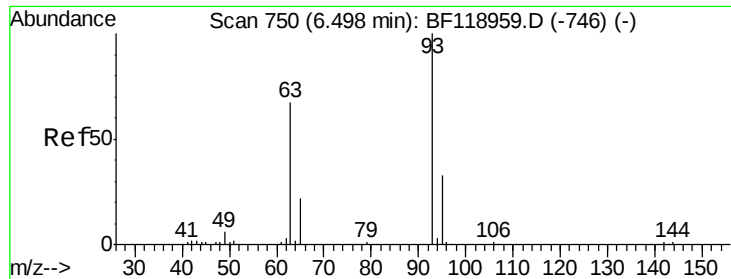
mohammad
3/16/2020 1:46:50 PM



#10
Phenol
Concen: 42.351 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.0	19.2	59.2		
66	58.4	44.4	84.4		





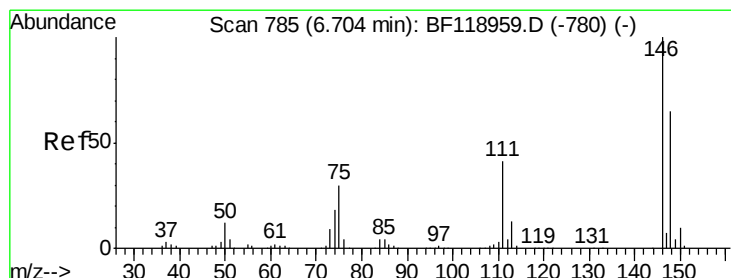
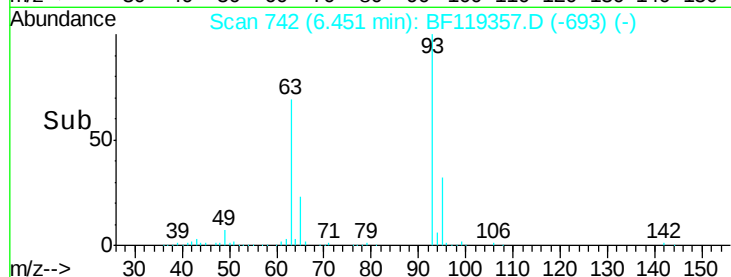
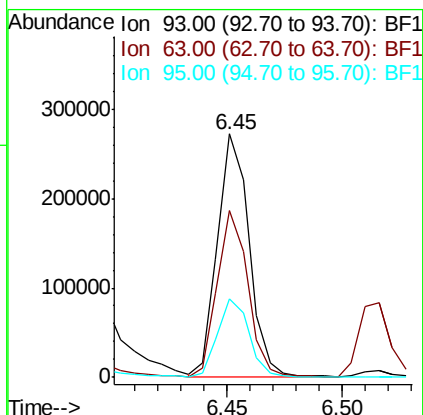
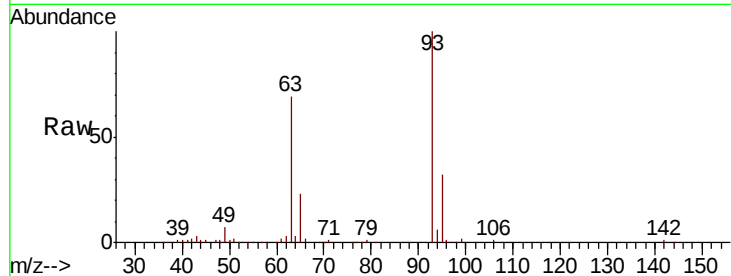
#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion:	93	Resp:	261233
Ion Ratio	Lower	Upper	
93	100		
63	68.5	45.4	85.4
95	32.4	13.5	53.5

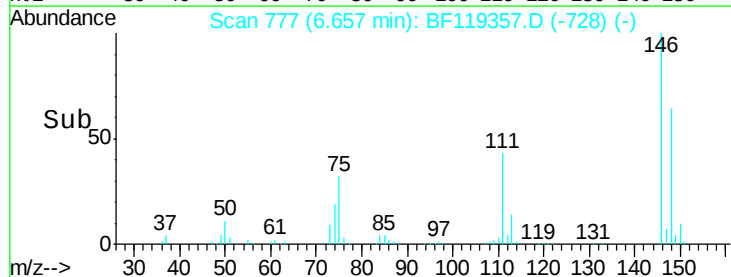
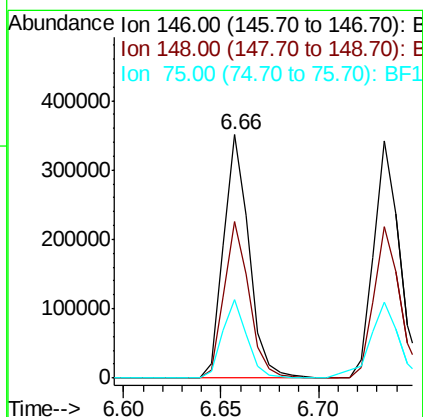
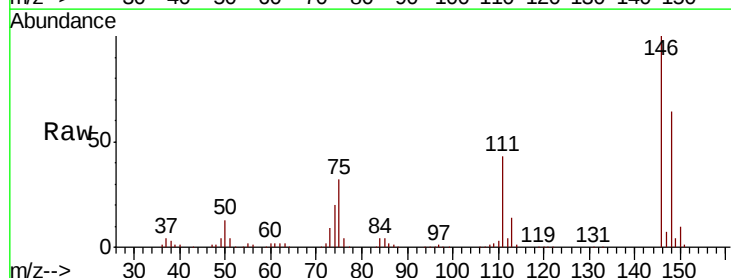
Manual Integrations
APPROVED

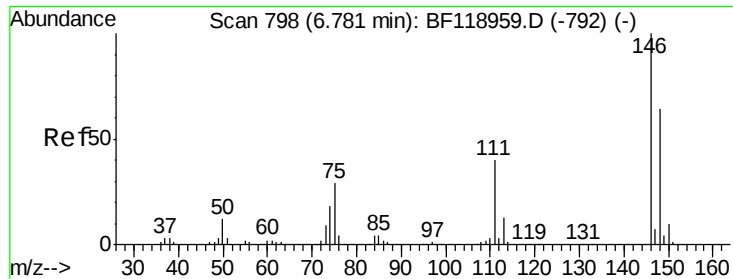
mohammad
3/16/2020 1:46:50 PM



#12
1,3-Dichlorobenzene
Concen: 40.293 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:	146	Resp:	316111
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.5	78.7
75	32.1	23.6	35.4





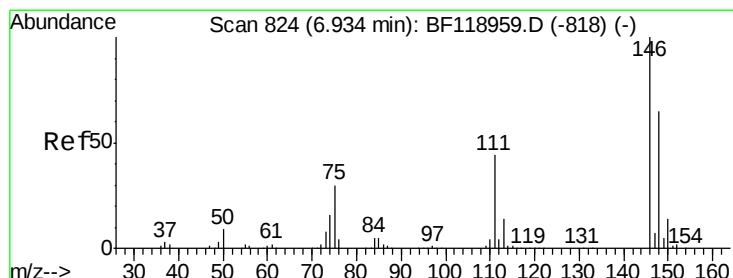
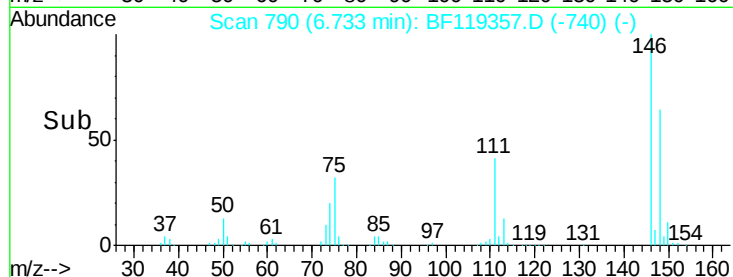
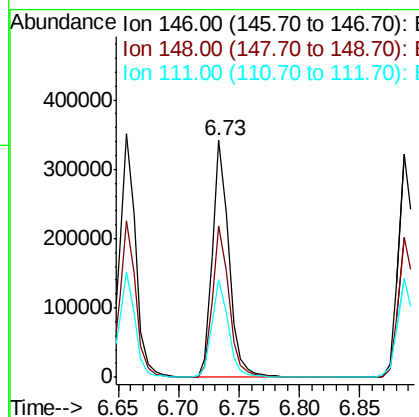
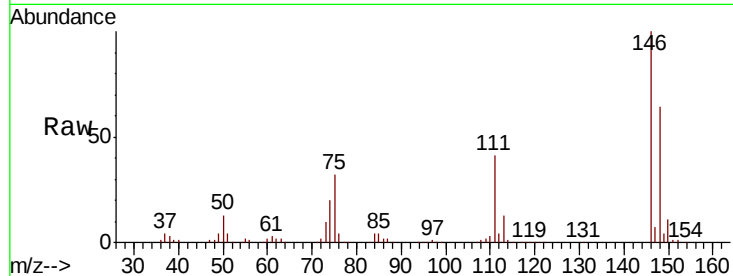
#13
1,4-Dichlorobenzene
Concen: 40.995 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	41.4	34.8	52.2

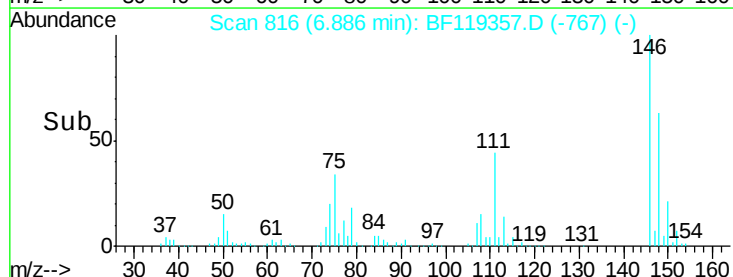
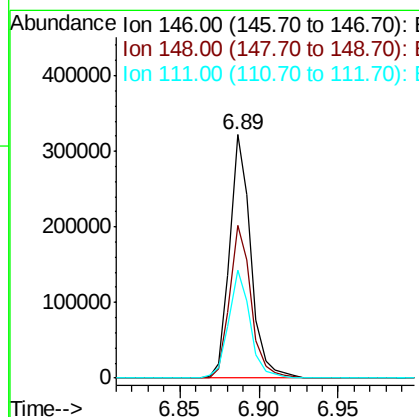
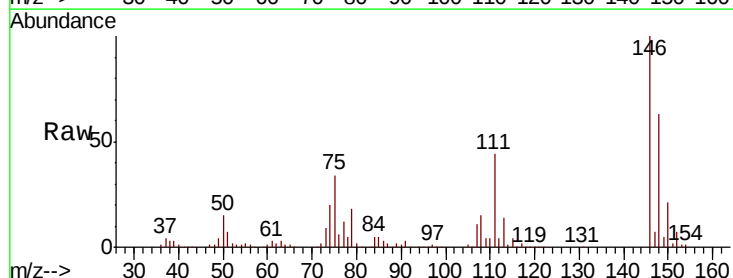
Manual Integrations
APPROVED

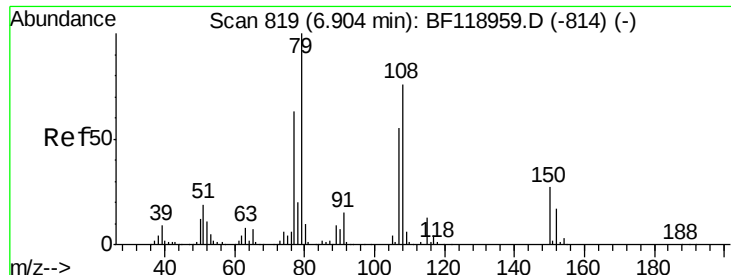
mohammad
3/16/2020 1:46:50 PM



#14
1,2-Dichlorobenzene
Concen: 41.698 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
111	44.4	36.2	54.2





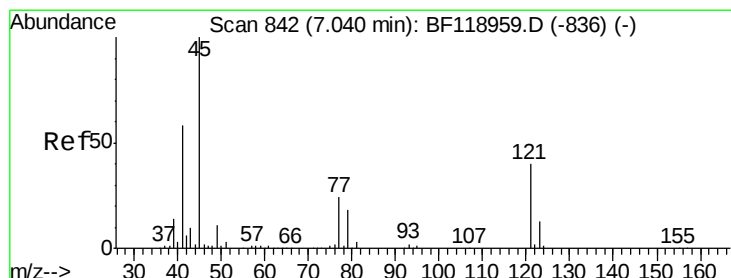
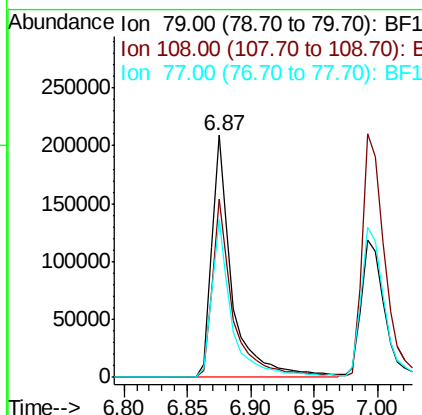
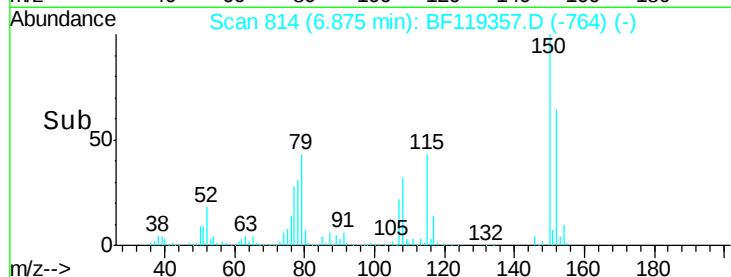
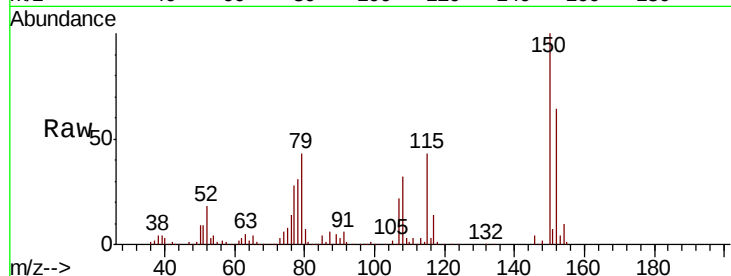
#15
Benzyl Alcohol
Concen: 44.617 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.7	58.2	87.2
77	65.2	51.2	76.8

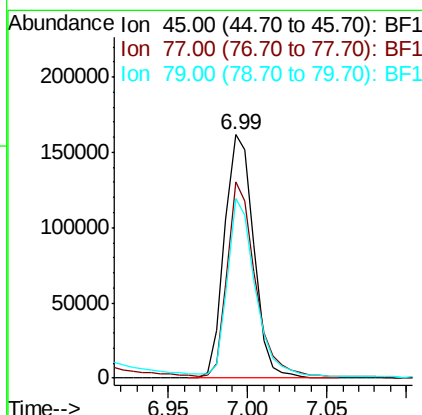
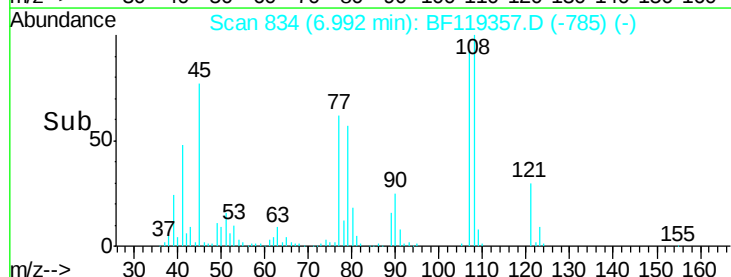
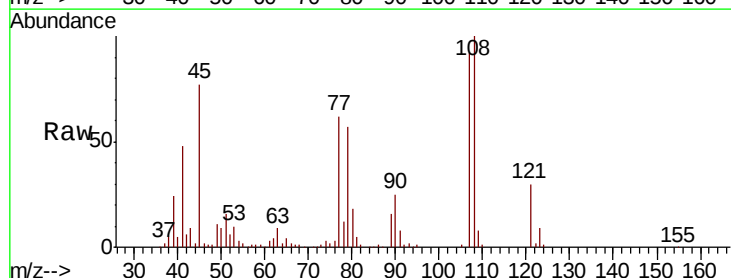
Manual Integrations
APPROVED

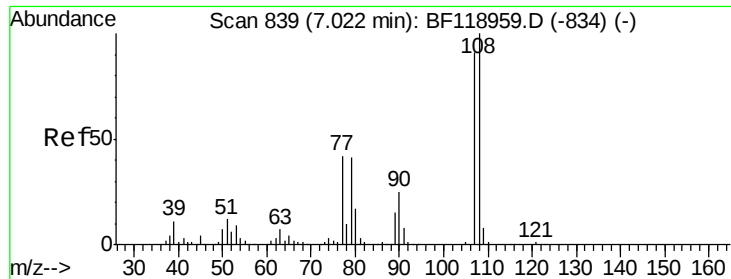
mohammad
3/16/2020 1:46:50 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.936 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	80.4	15.0	55.0#
79	73.6	9.4	49.4#





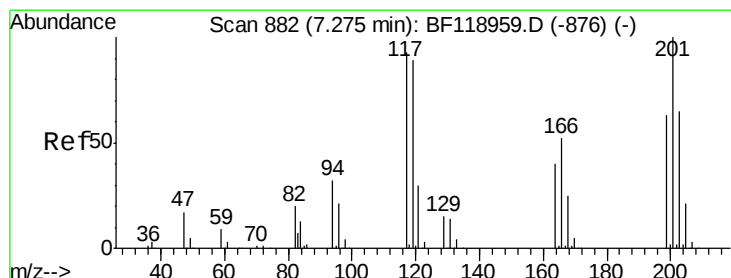
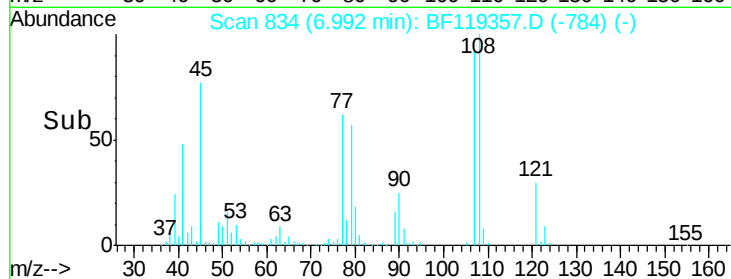
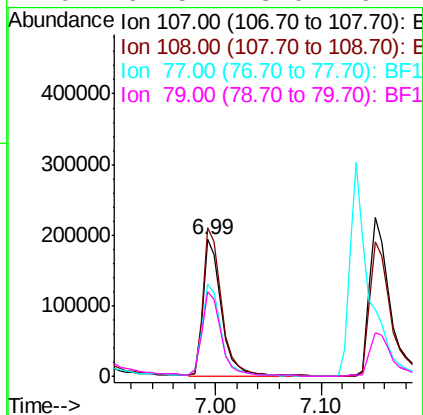
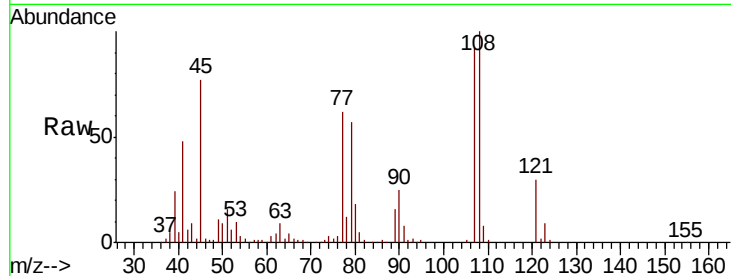
#17
2-Methylphenol
Concen: 43.665 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	108.6		87.9	131.9	
77	67.2		45.3	67.9	
79	61.5		43.0	64.4	

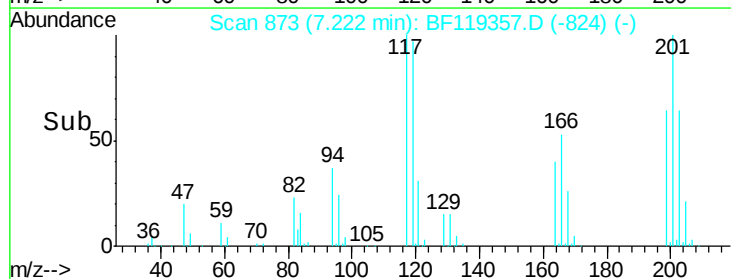
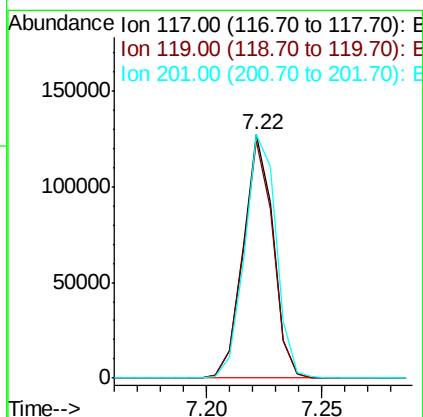
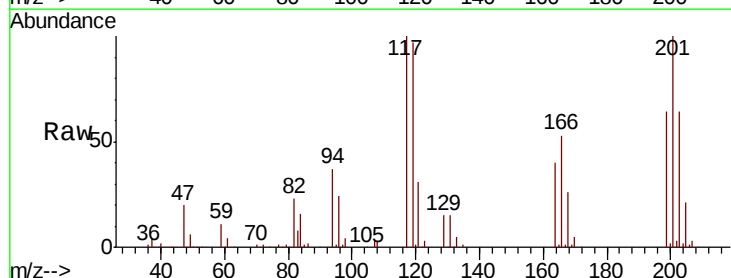
Manual Integrations
APPROVED

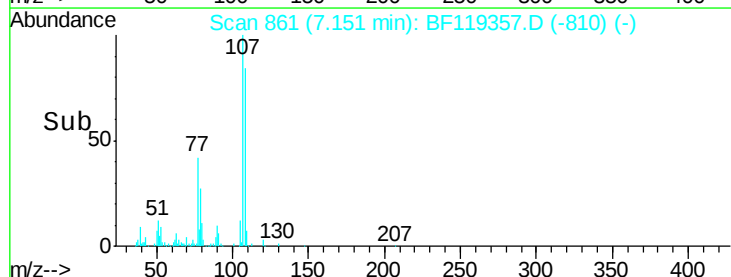
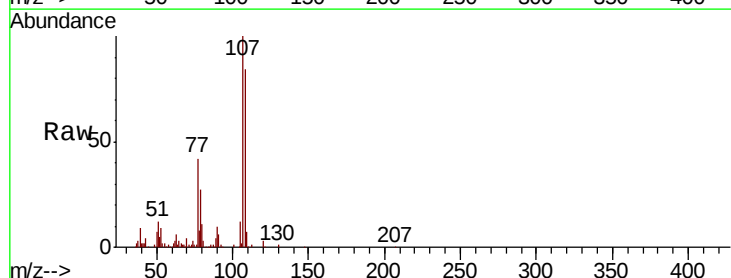
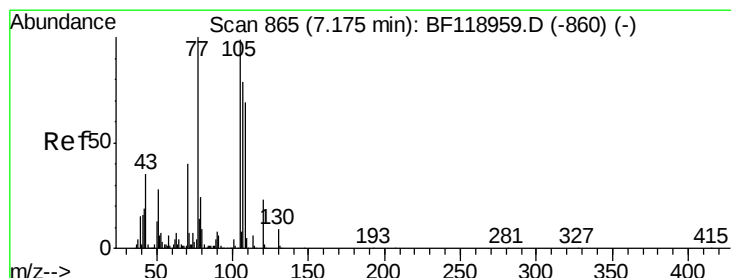
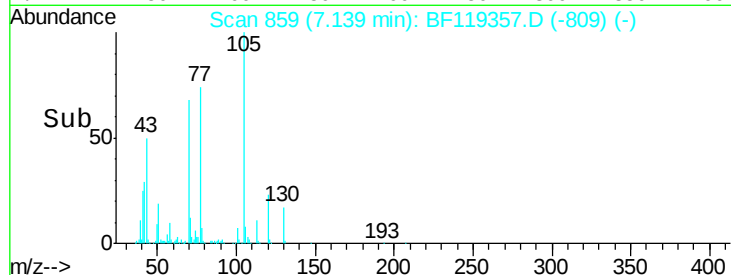
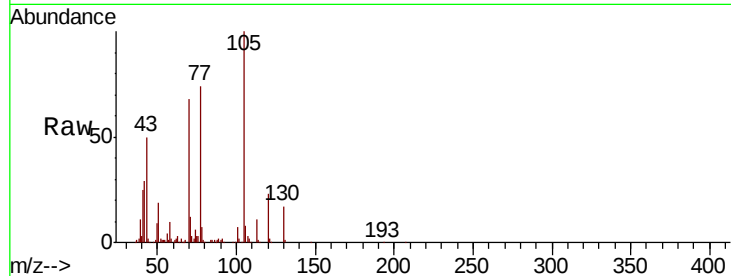
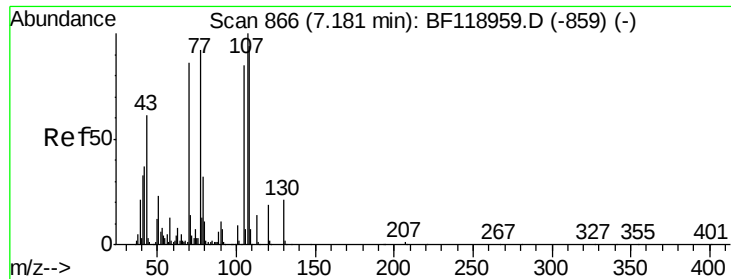
mohammad
3/16/2020 1:46:50 PM



#18
Hexachloroethane
Concen: 40.864 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

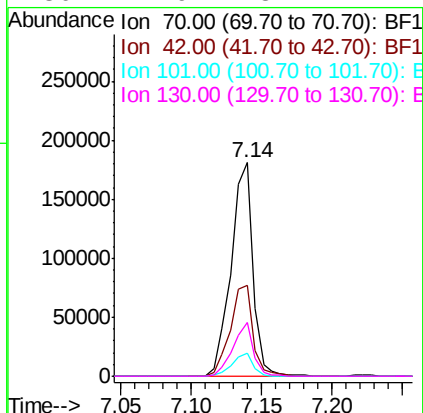
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.4		77.5	116.3	
201	99.8		82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 45.776 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.8	38.0	57.0
101	10.6	8.2	12.4
130	24.9	18.2	27.4



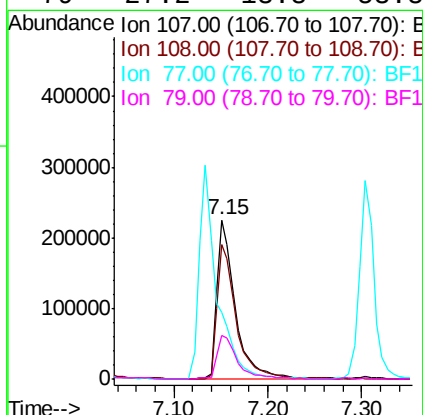
Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

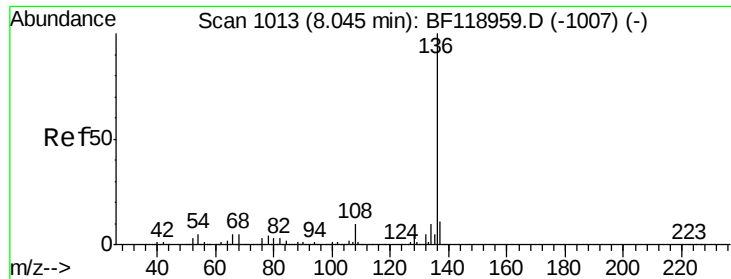
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM

#20
3+4-Methylphenols
Concen: 47.629 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.5	111.5
77	42.1	45.9	85.9#
79	27.2	13.8	53.8





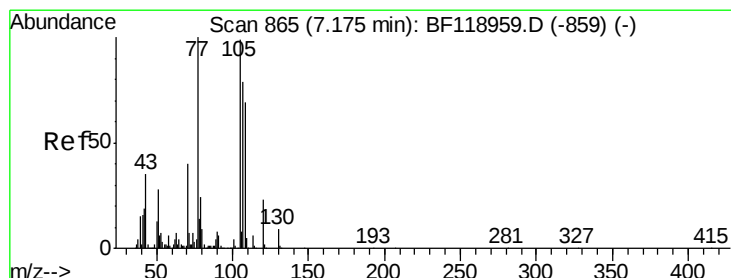
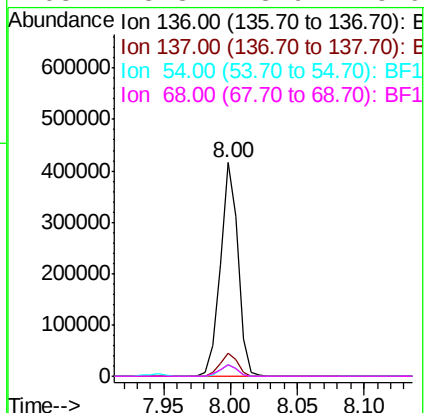
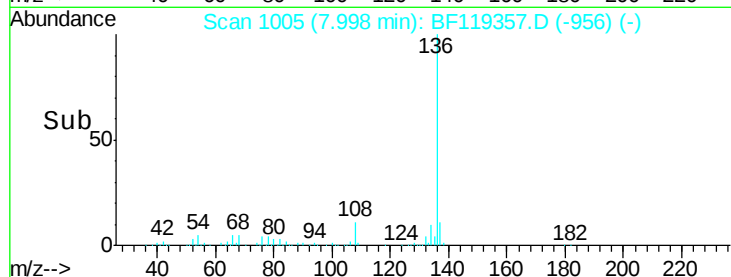
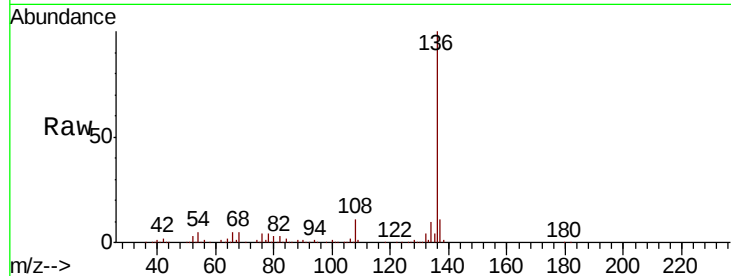
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		387897		
137	11.0	8.8	13.2		
54	5.2	3.8	5.6		
68	5.3	3.9	5.9		

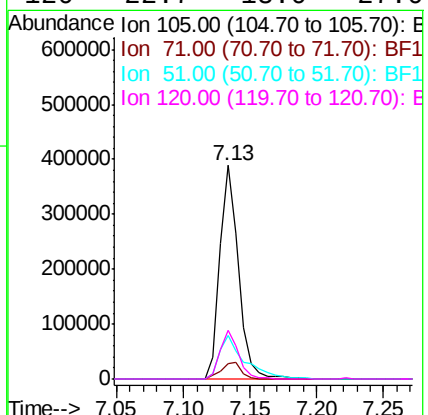
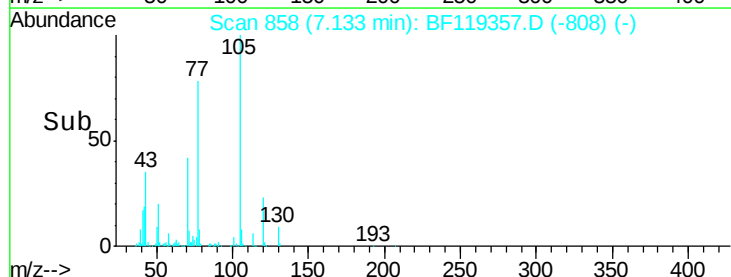
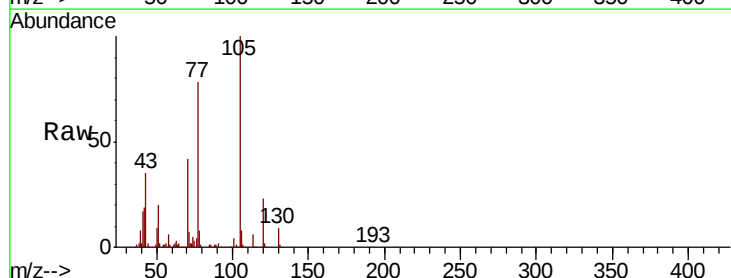
Manual Integrations
APPROVED

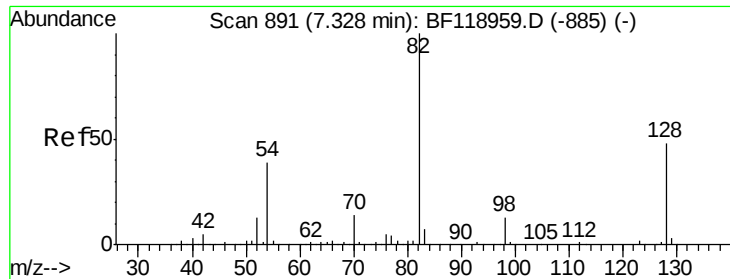
mohammad
3/16/2020 1:46:50 PM



#22
Acetophenone
Concen: 43.125 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		387047		
71	7.1	3.0	4.4#		
51	20.3	20.1	30.1		
120	22.7	18.0	27.0		





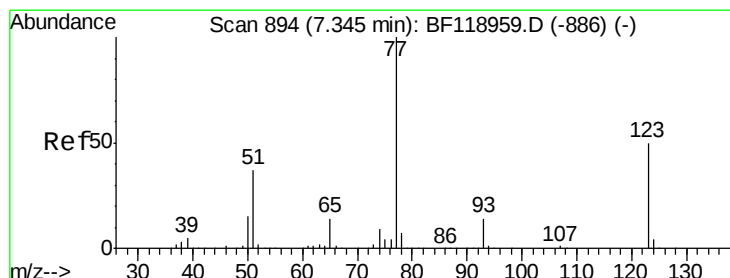
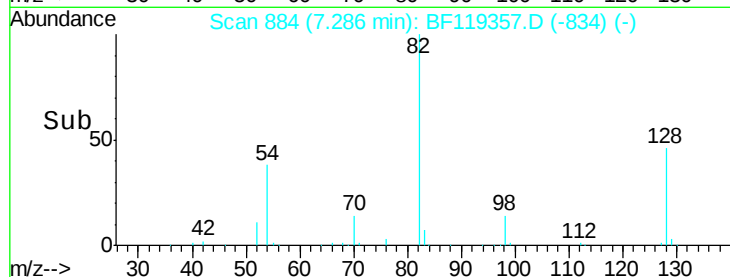
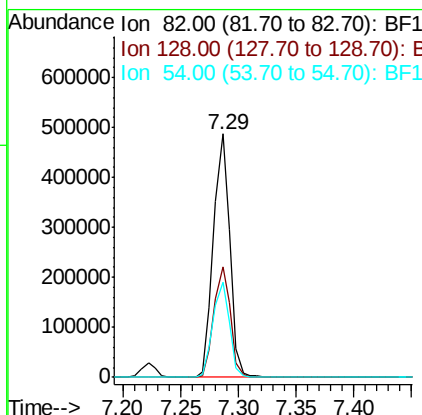
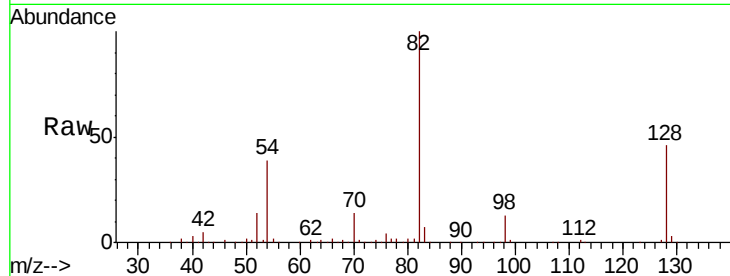
#23
 Nitrobenzene-d5
 Concen: 65.728 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.9	56.9
54	39.2	33.4	50.2

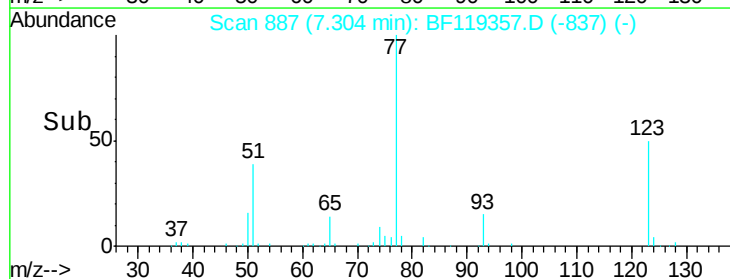
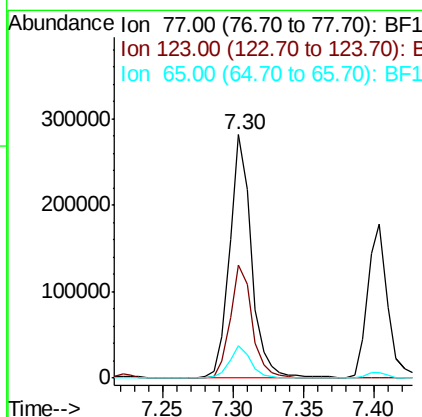
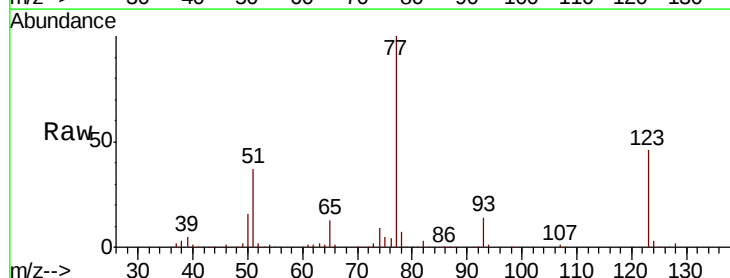
Manual Integrations
 APPROVED

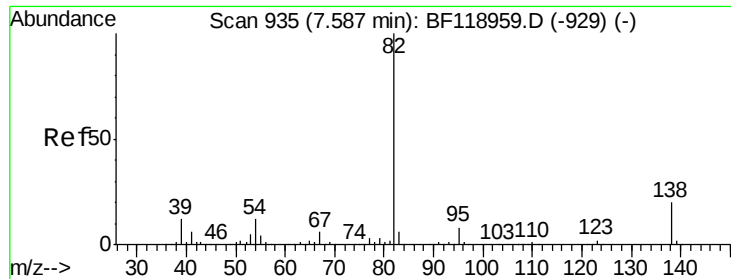
mohammad
 3/16/2020 1:46:50 PM



#24
 Nitrobenzene
 Concen: 41.427 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 42.377 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

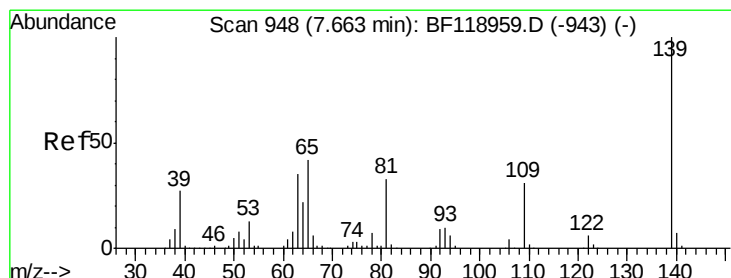
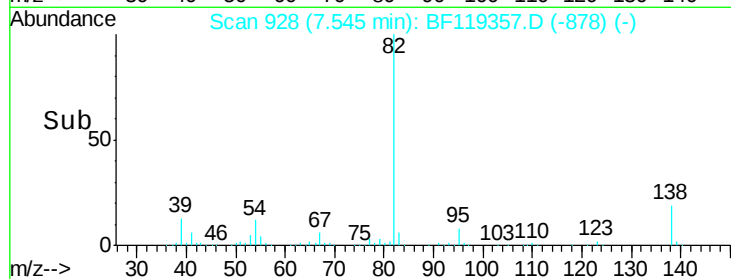
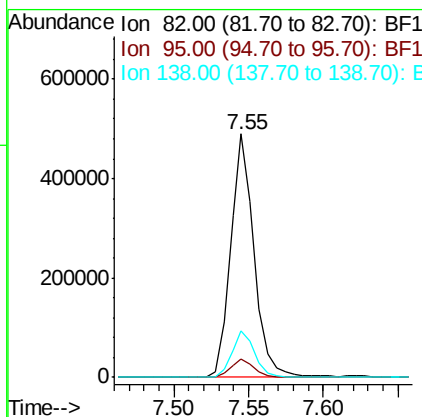
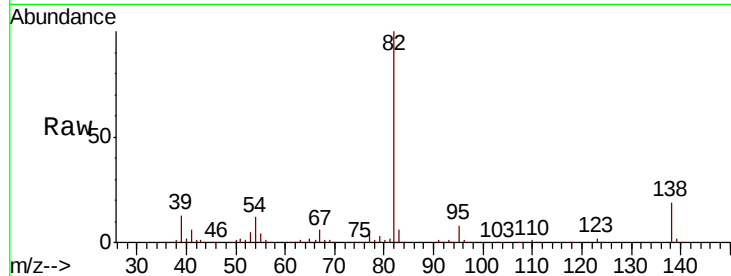
ClientSampleId :

TP-18-DAMS

Tot Ion:	82	Resp:	540682
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	19.2	15.7	23.5

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#26

2-Nitrophenol

Concen: 41.353 ng

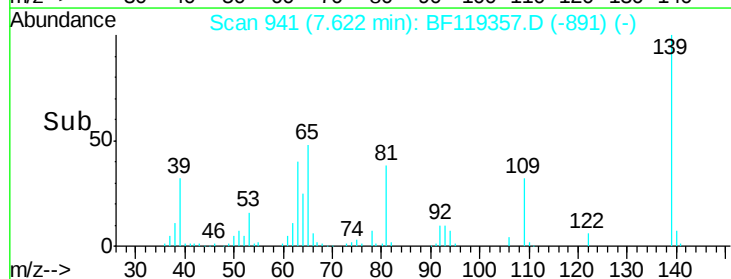
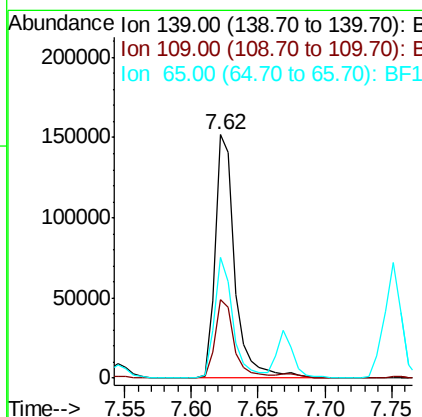
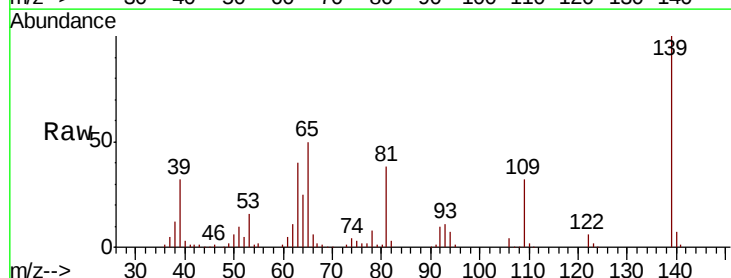
RT: 7.62 min Scan# 941

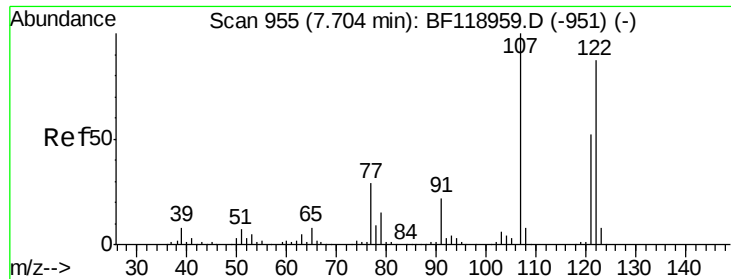
Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	139	Resp:	159183
Ion Ratio	Lower	Upper	
139	100		
109	32.3	25.7	38.5
65	49.5	37.1	55.7





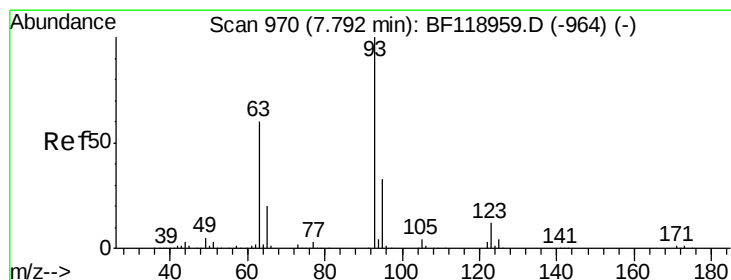
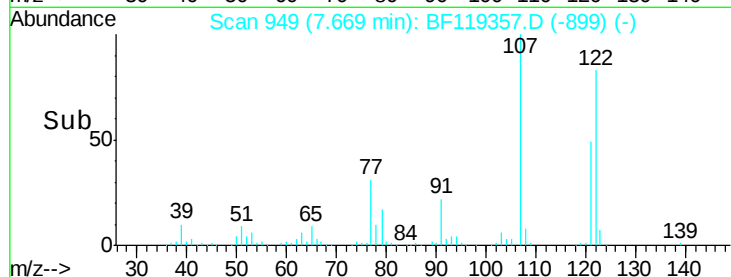
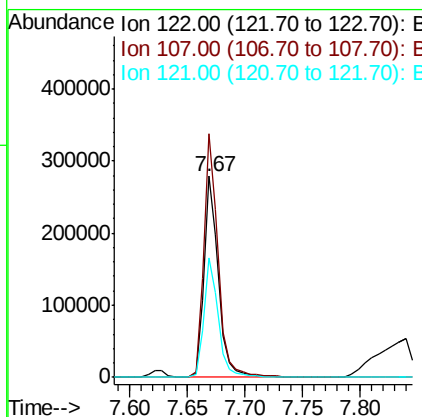
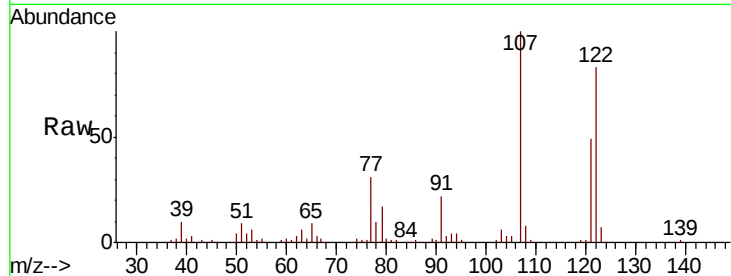
#27
2,4-Dimethylphenol
Concen: 46.757 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	244270		
107	121.2		93.8	140.6
121	59.7		48.2	72.2

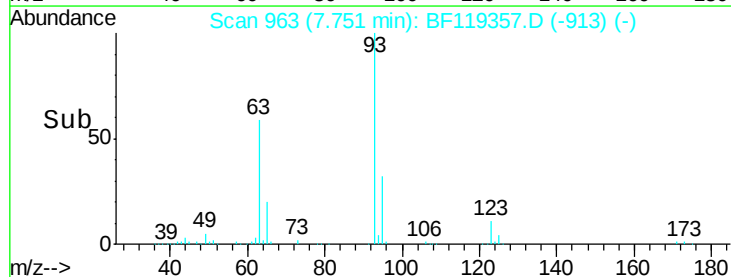
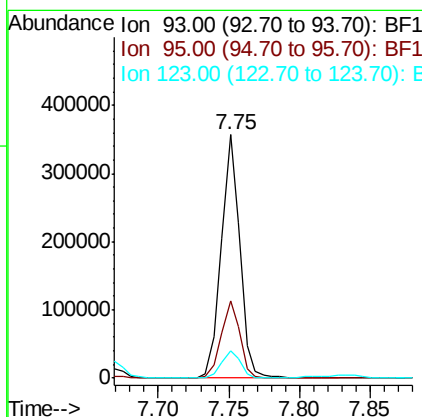
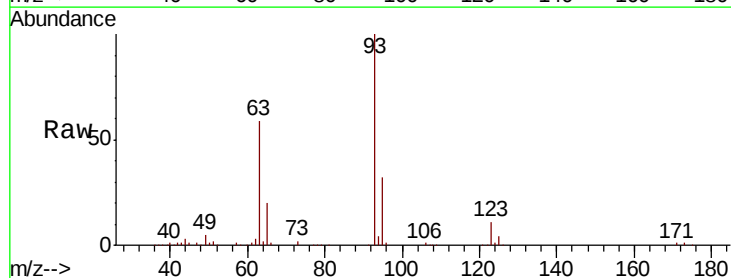
Manual Integrations
APPROVED

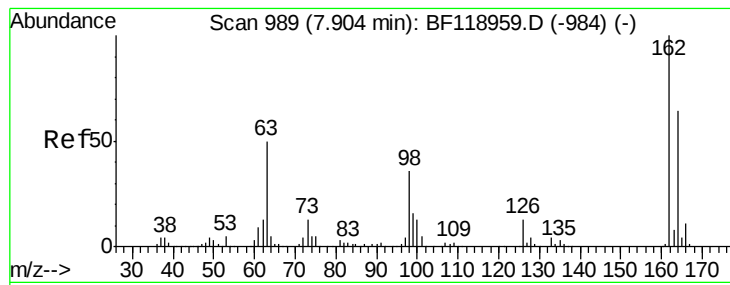
mohammad
3/16/2020 1:46:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.389 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	327113		
95	32.0		26.5	39.7
123	11.5		10.2	15.2





#29

2,4-Dichlorophenol

Concen: 41.302 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

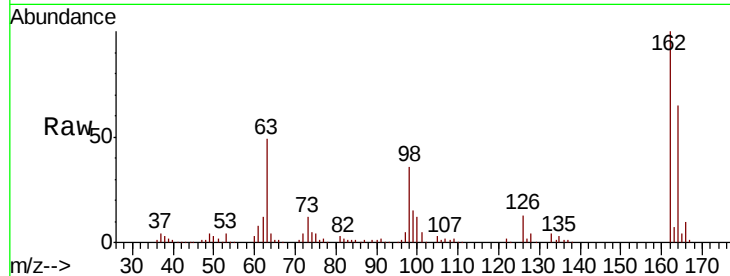
ClientSampleId :

TP-18-DAMS

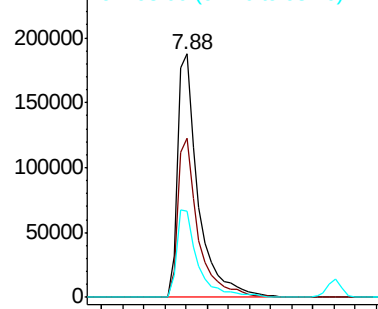
Tot Ion:	162	Resp:	254015
Ion Ratio	Lower	Upper	
162	100		
164	65.2	45.2	85.2
98	35.6	17.4	57.4

Manual Integrations
APPROVED

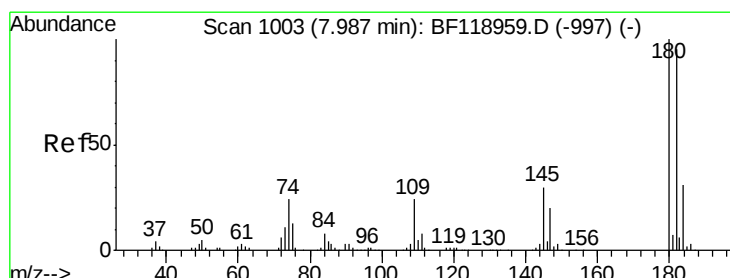
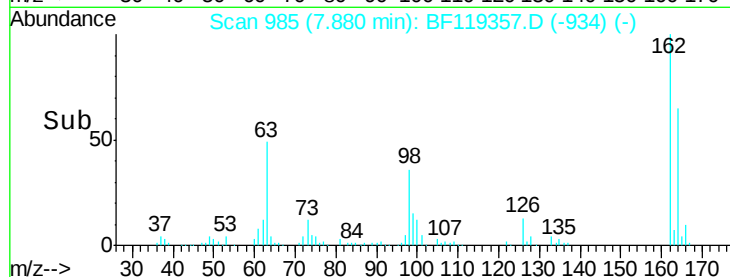
mohammad
3/16/2020 1:46:50 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 38.118 ng

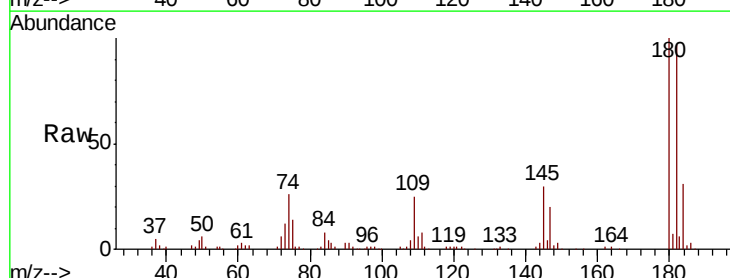
RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

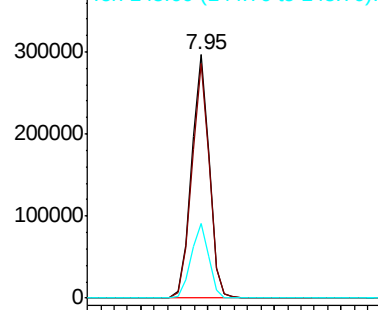
Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

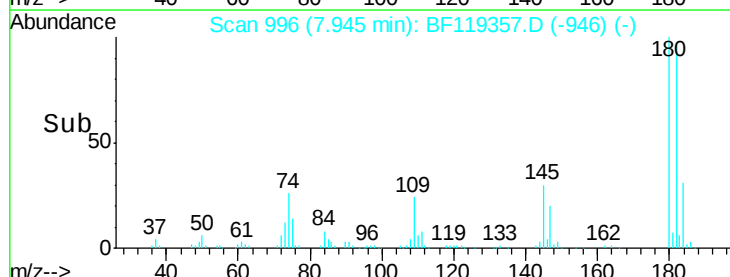
Tgt Ion:	180	Resp:	277956
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.8	116.6
145	30.5	25.2	37.8

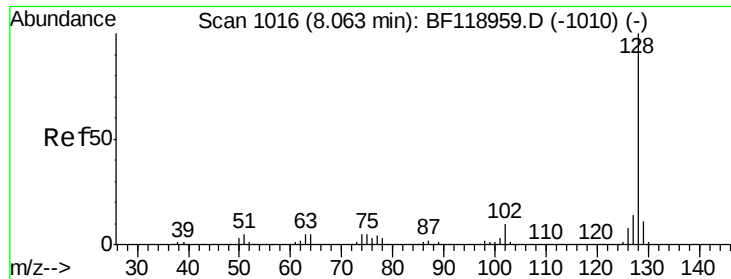


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time-->





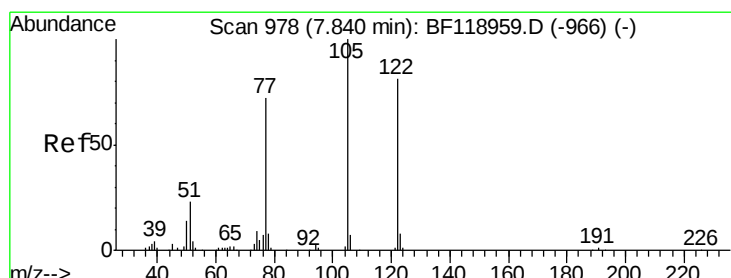
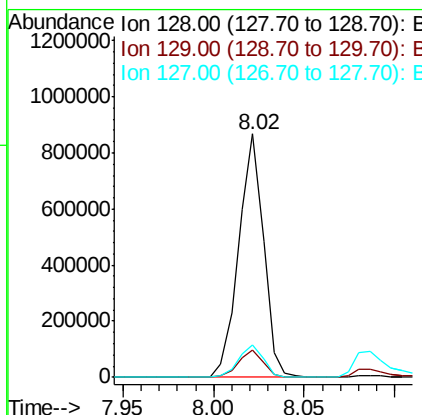
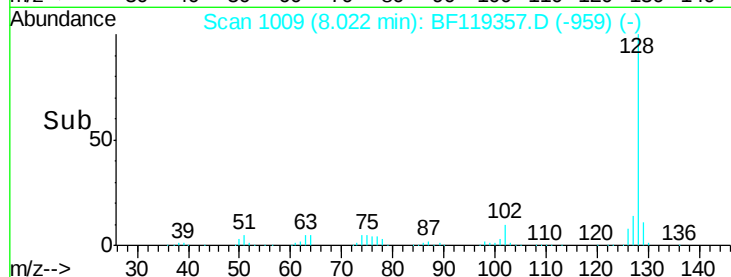
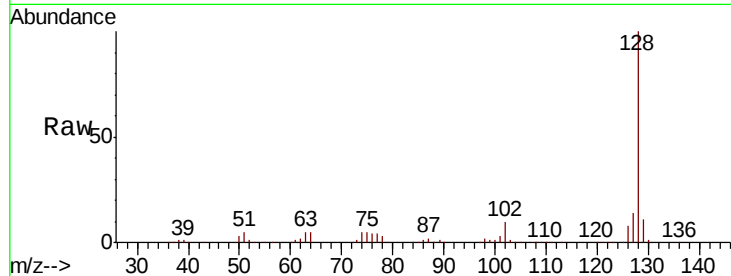
#31
Naphthalene
Concen: 41.199 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.5	11.4	17.2

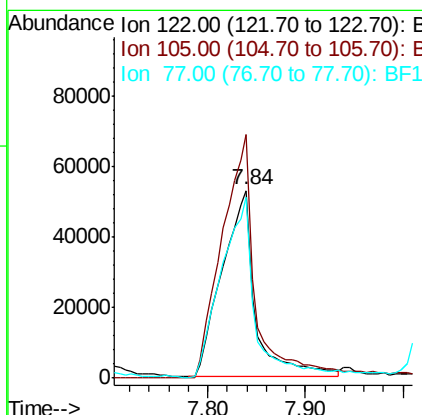
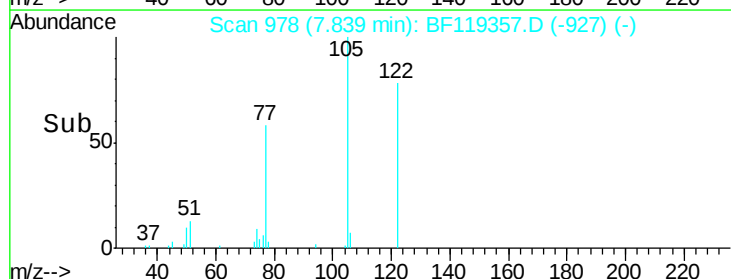
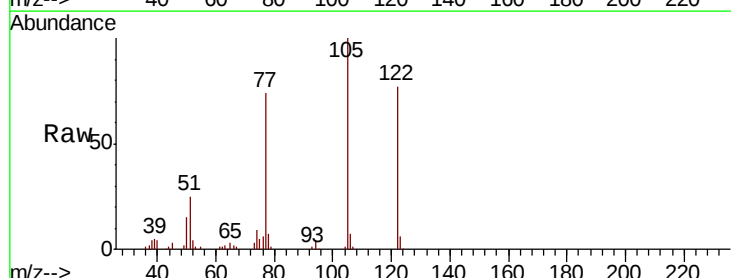
Manual Integrations
APPROVED

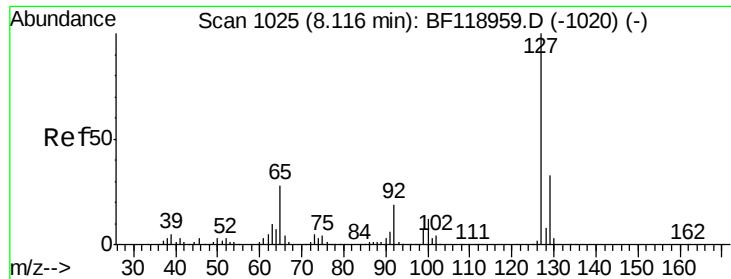
mohammad
3/16/2020 1:46:50 PM



#32
Benzoic acid
Concen: 35.025 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	106.3	146.3
77	96.4	73.1	113.1





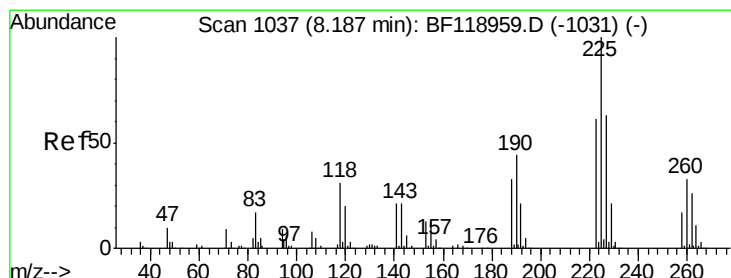
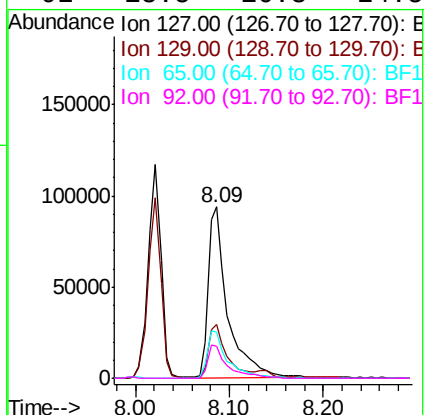
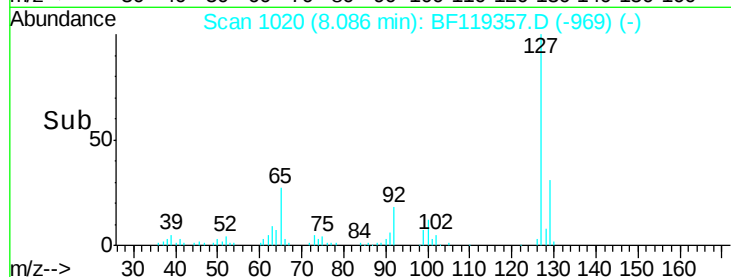
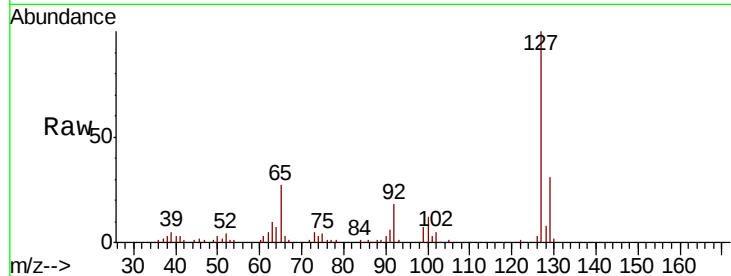
#33
4-Chloroaniline
Concen: 15.803 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	27.1	23.9	35.9		
92	18.5	16.3	24.5		

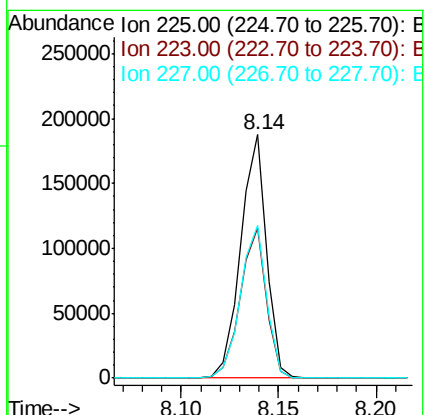
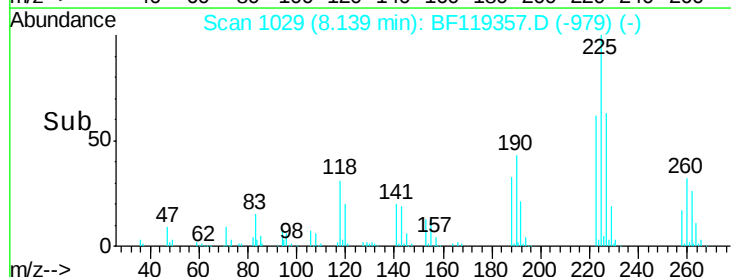
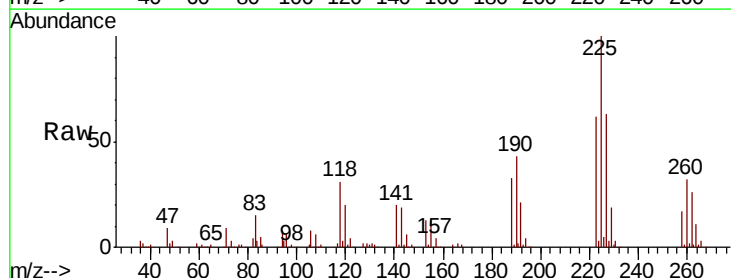
Manual Integrations
APPROVED

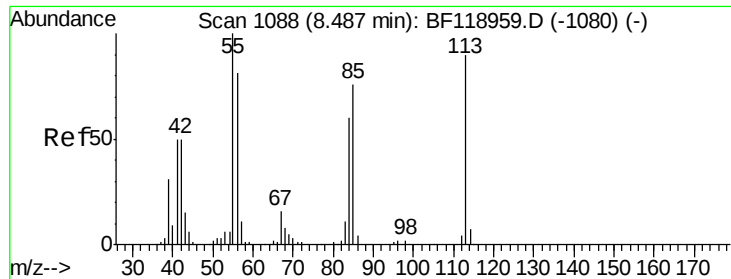
mohammad
3/16/2020 1:46:50 PM



#34
Hexachlorobutadiene
Concen: 37.935 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.4	74.2		
227	62.9	52.9	79.3		





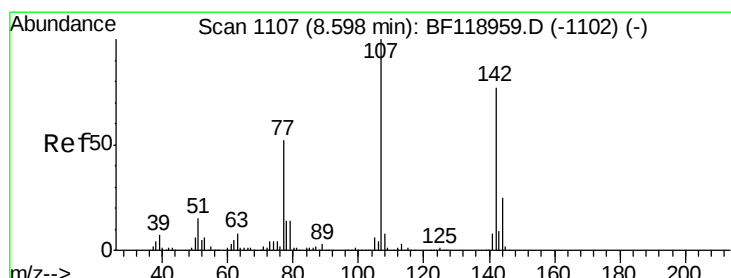
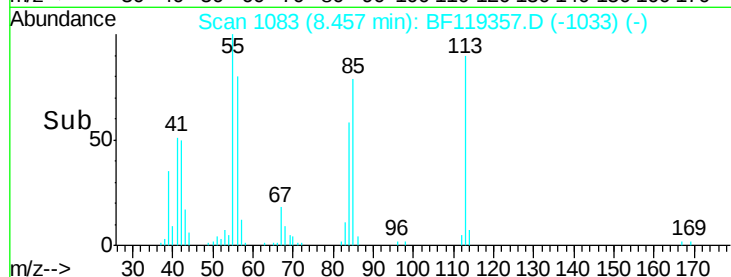
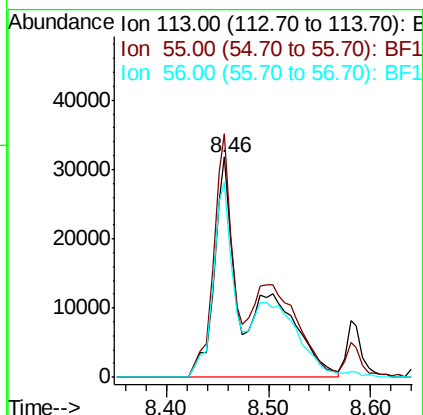
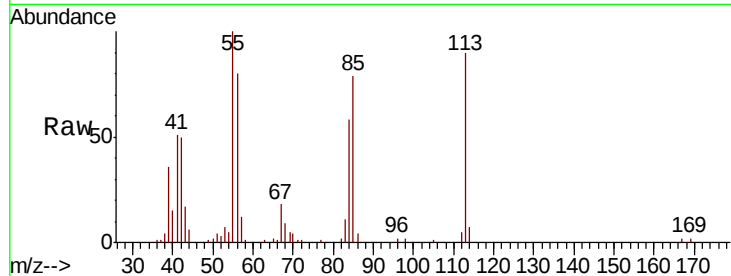
#35
 Caprolactam
 Concen: 41.255 ng/ml
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	110.5	95.7	135.7
56	88.4	73.1	113.1

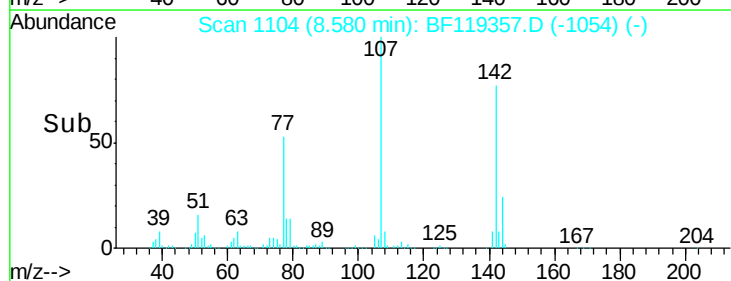
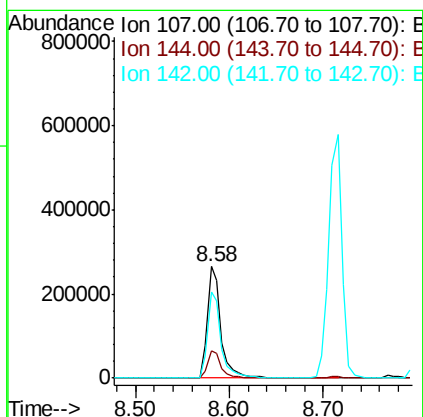
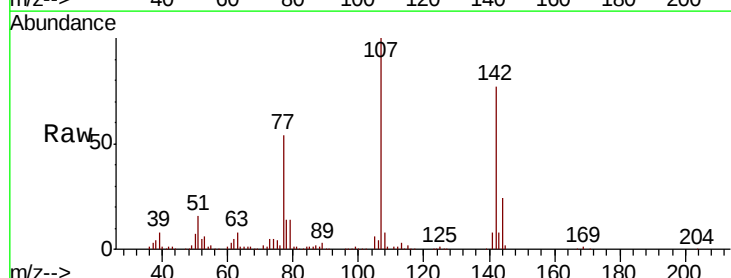
Manual Integrations
 APPROVED

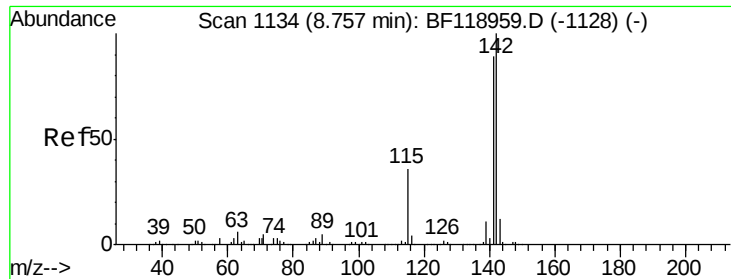
mohammad
 3/16/2020 1:46:50 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.272 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.1	30.1
142	76.8	61.4	92.2





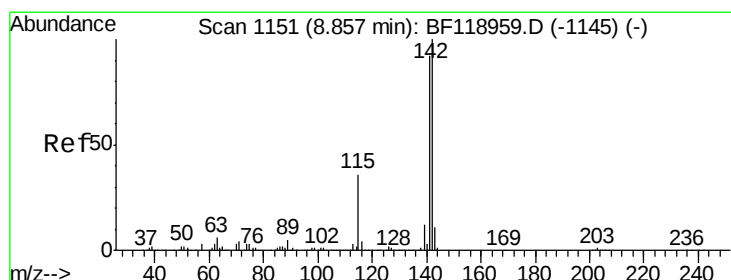
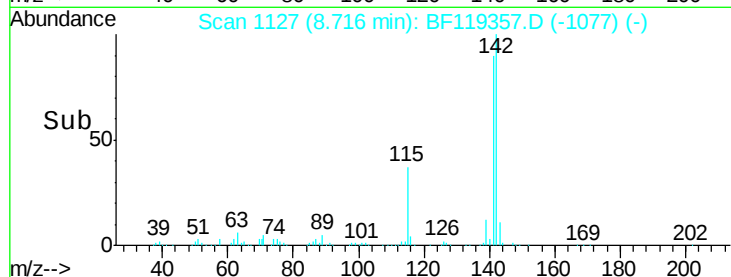
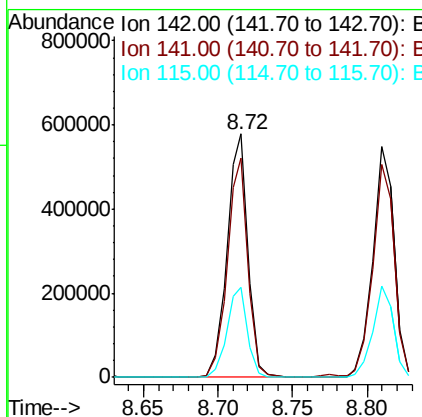
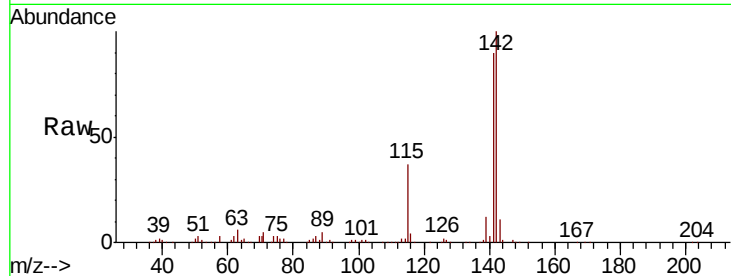
#37
2-Methylnaphthalene
Concen: 42.157 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	36.9	30.6	45.8

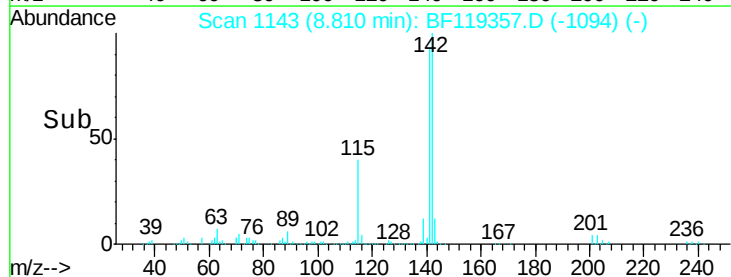
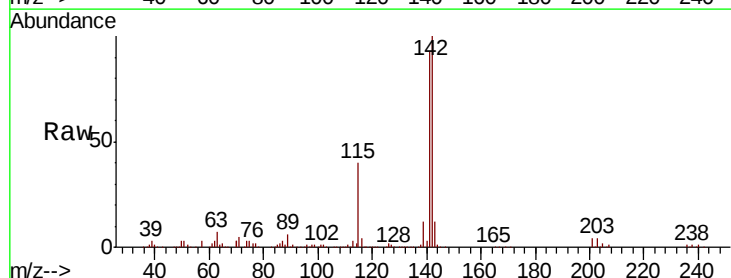
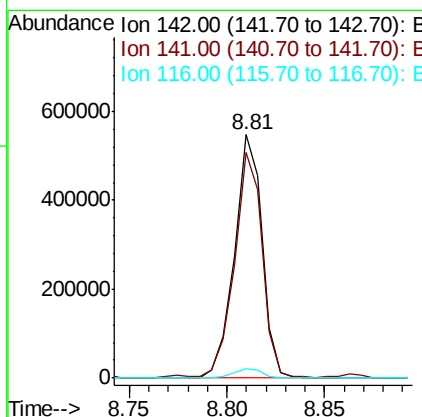
Manual Integrations
APPROVED

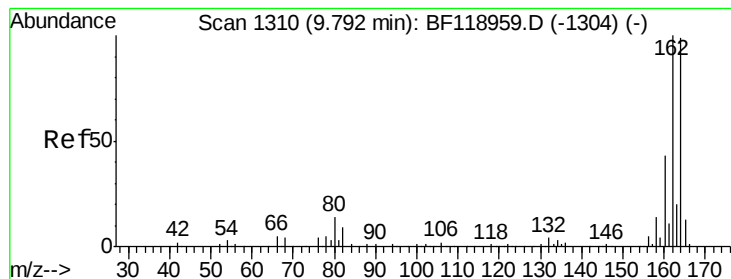
mohammad
3/16/2020 1:46:50 PM



#38
1-Methylnaphthalene
Concen: 42.002 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.8	113.6
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

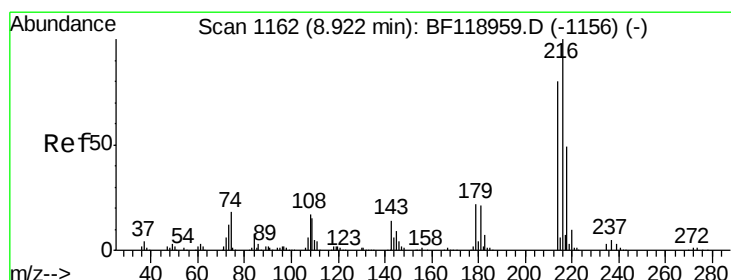
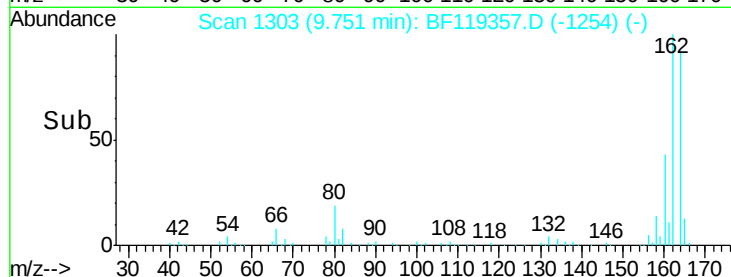
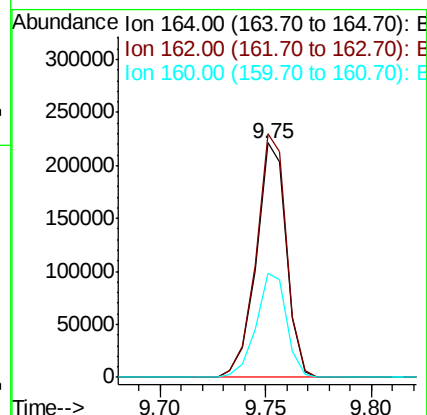
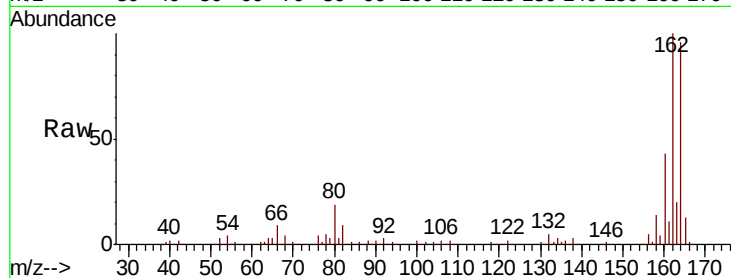
ClientSampleId :

TP-18-DAMS

Tot Ion:	164	Resp:	219080
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.8	122.8
160	44.5	36.0	54.0

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.896 ng

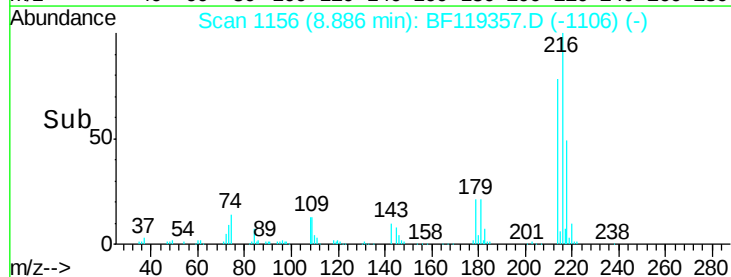
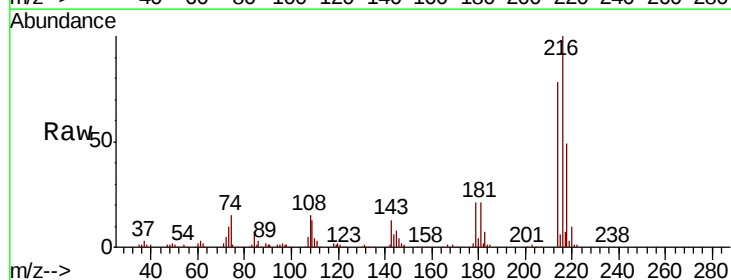
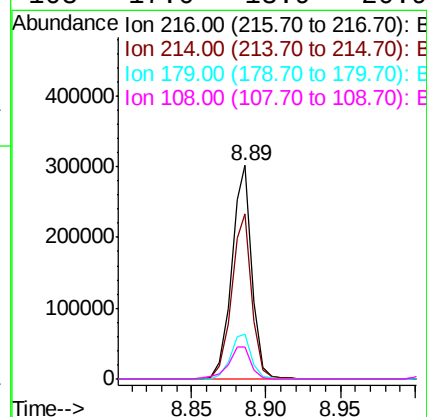
RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	216	Resp:	287303
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.3	94.9
179	21.9	17.7	26.5
108	17.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 27.118 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

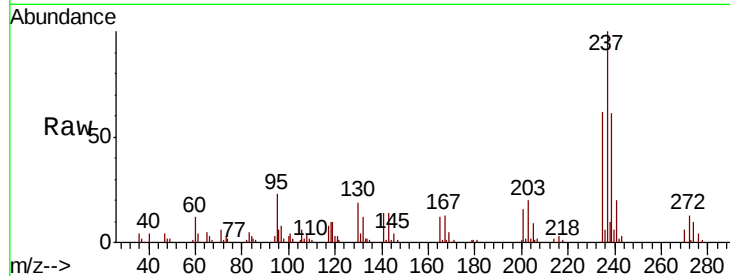
ClientSampleId :

TP-18-DAMS

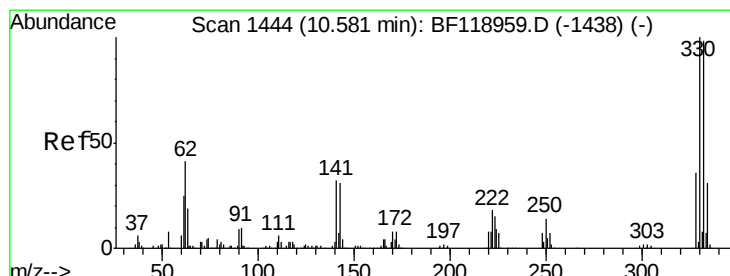
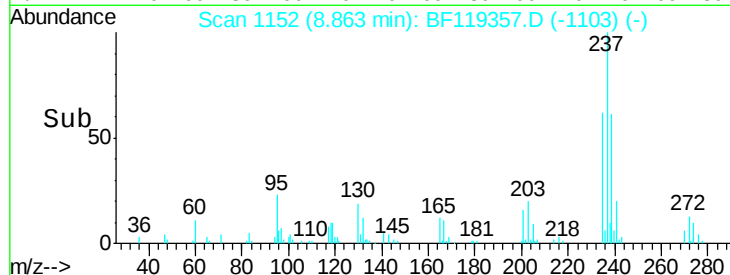
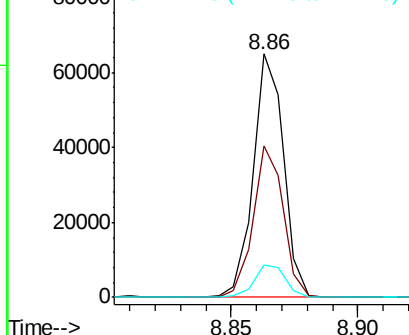
Tot Ion:	237	Resp:	53992
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.3	82.3
272	13.1	0.0	33.5

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.345 ng

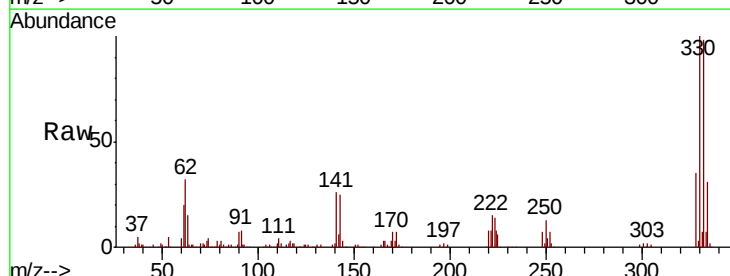
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

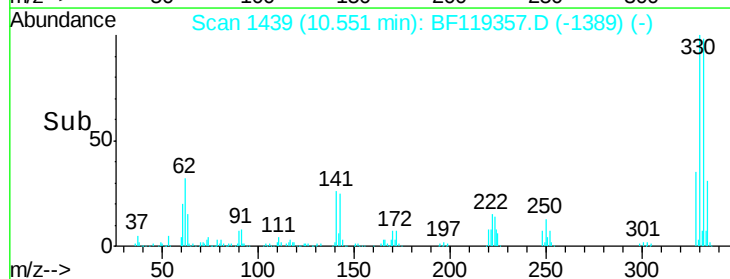
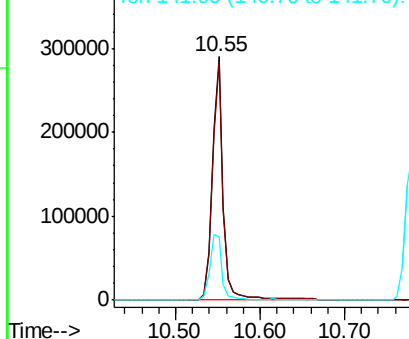
Lab File: BF119357.D

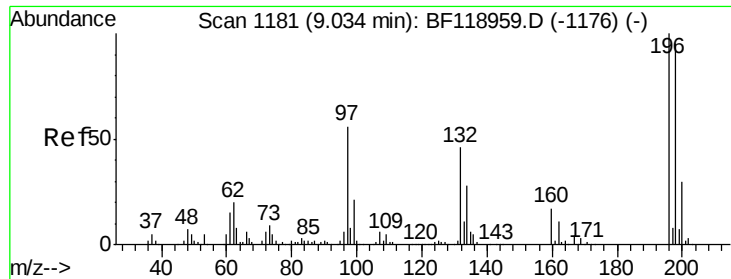
Acq: 11 Mar 2020 20:39

Tgt Ion:	330	Resp:	264656
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	29.9	22.9	34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





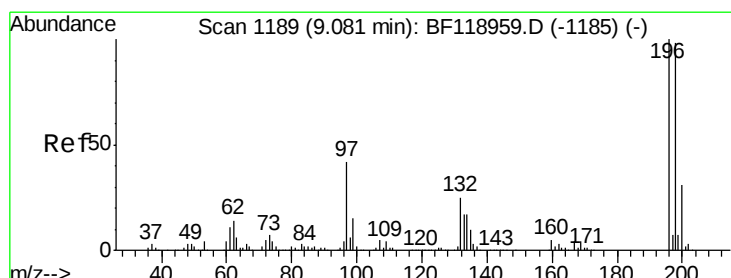
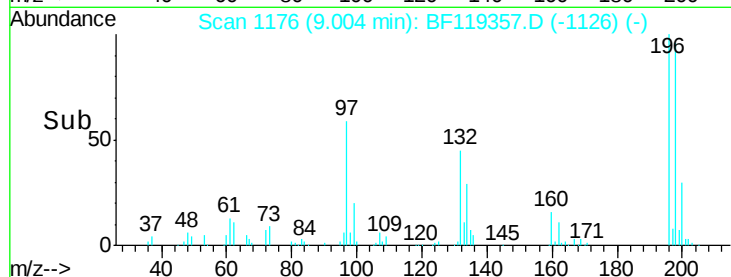
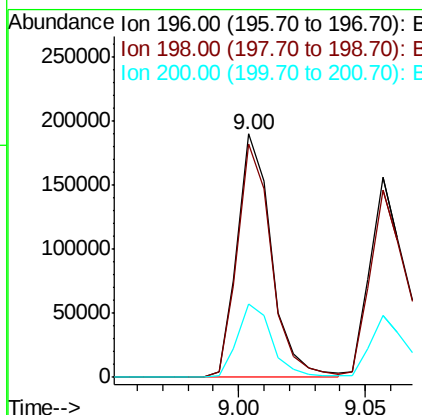
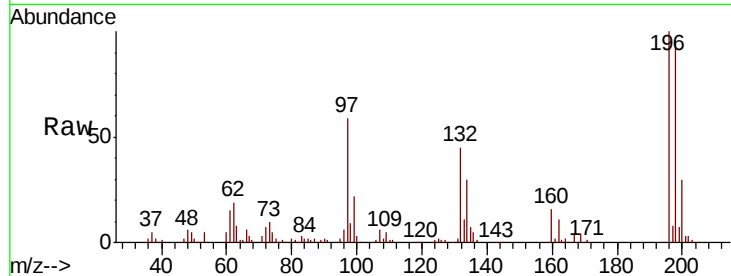
#43
 2,4,6-Trichlorophenol
 Concen: 38.361 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178934		
198	95.8	77.1	115.7	
200	29.9	25.0	37.6	

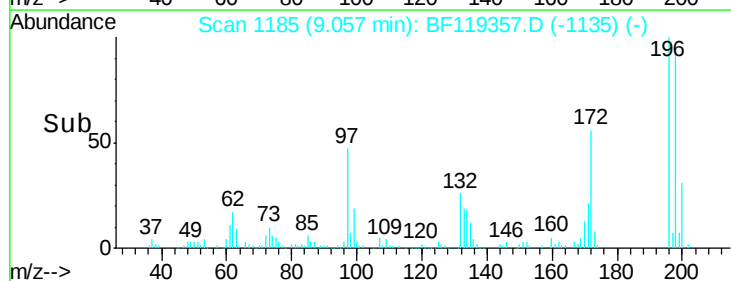
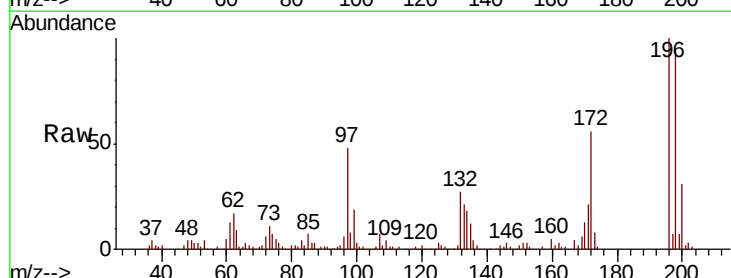
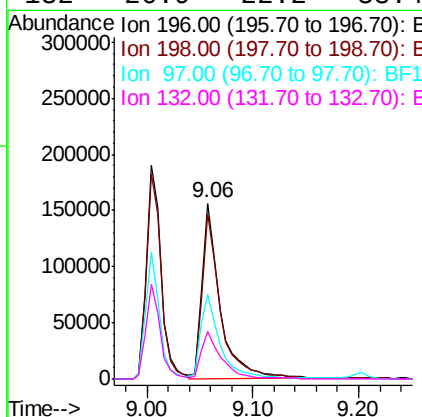
Manual Integrations
 APPROVED

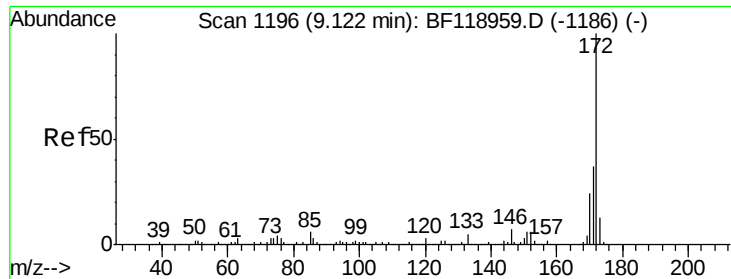
mohammad
 3/16/2020 1:46:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.856 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185297		
198	93.6	76.8	115.2	
97	48.2	38.5	57.7	
132	26.9	22.2	33.4	





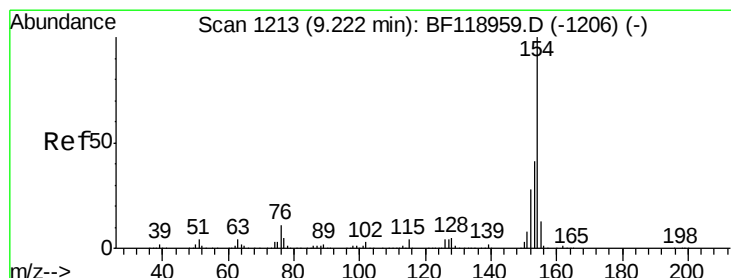
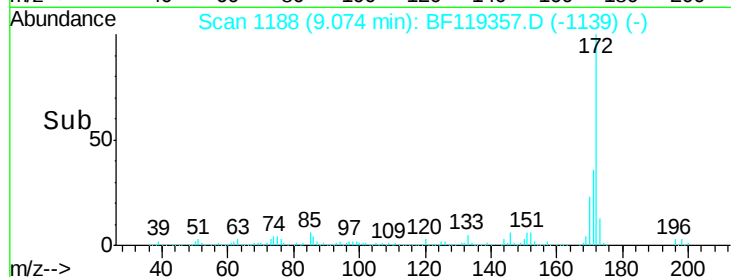
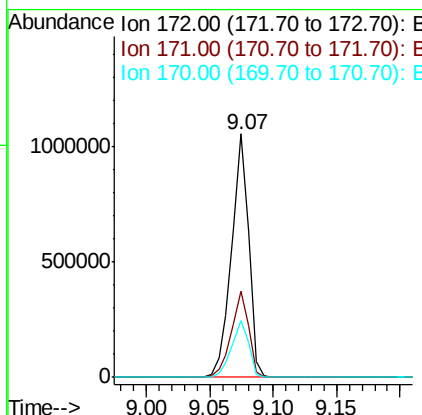
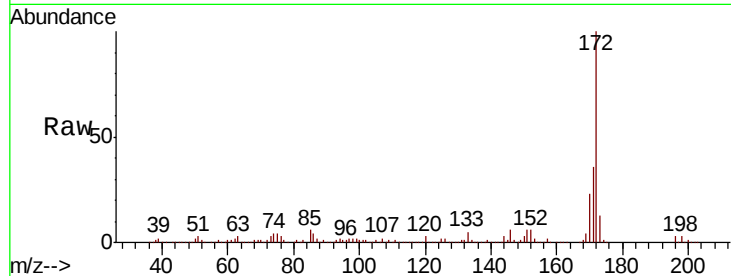
#45
2-Fluorobiphenyl
Concen: 65.626 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	975945		
171	35.5		30.6	45.8
170	23.5		20.2	30.2

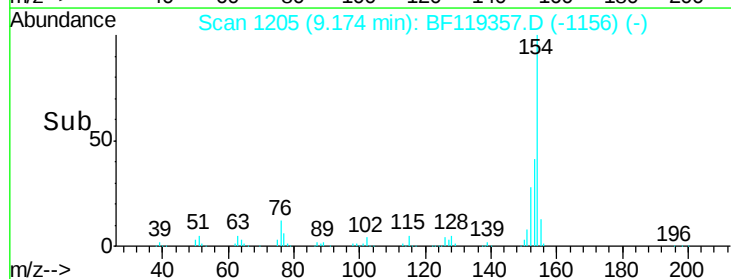
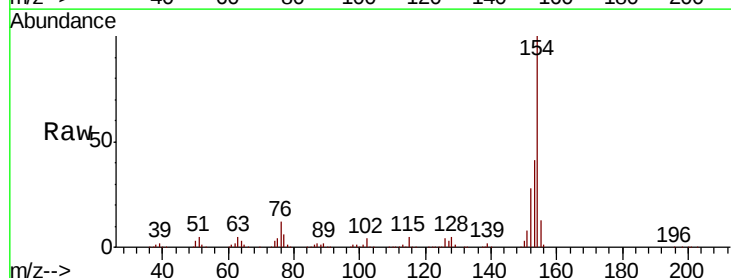
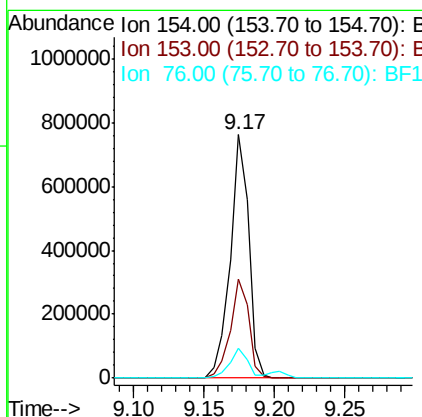
Manual Integrations
APPROVED

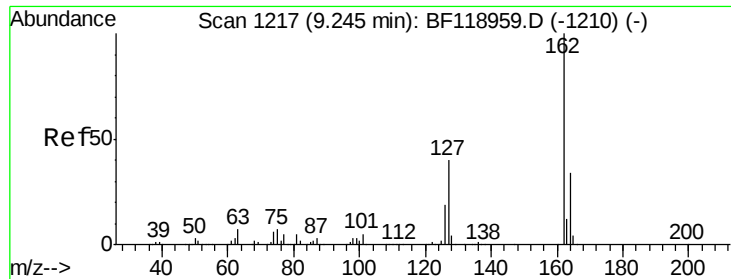
mohammad
3/16/2020 1:46:50 PM



#46
1,1'-Biphenyl
Concen: 39.386 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	697370		
153	40.9		22.8	62.8
76	12.3		0.0	32.2





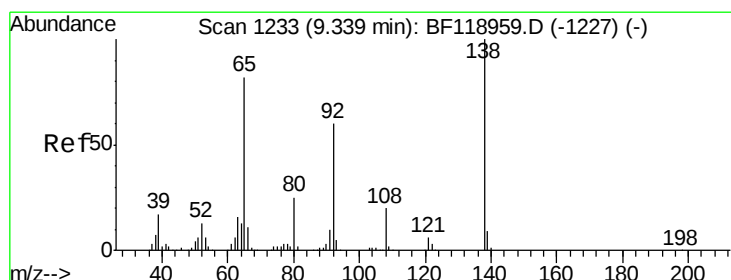
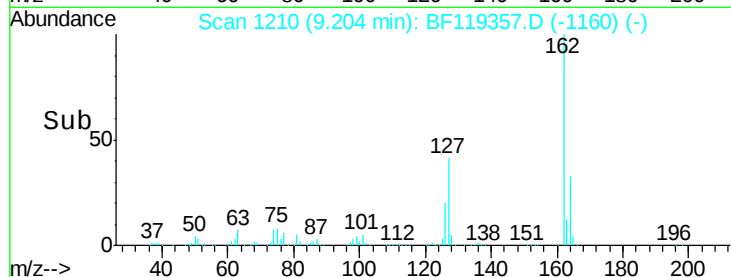
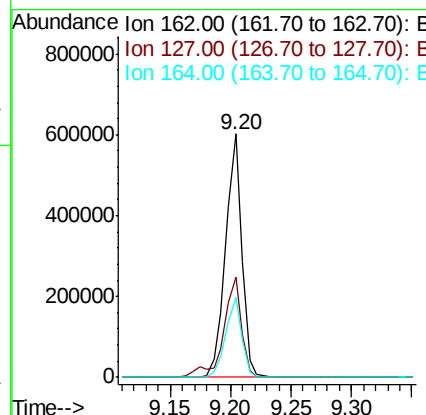
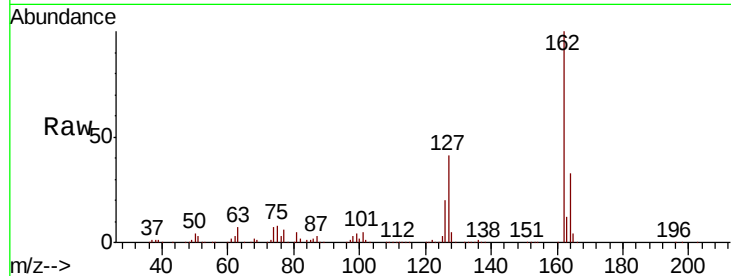
#47
 2-Chloronaphthalene
 Concen: 38.990 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	32.8	27.2	40.8

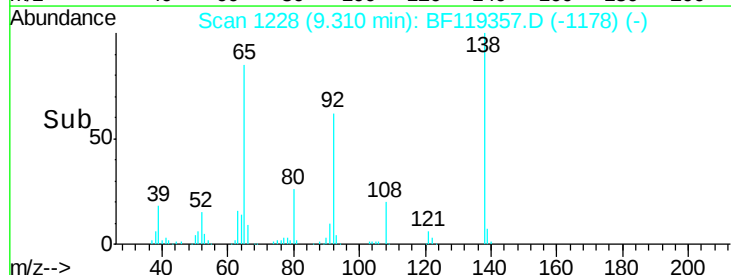
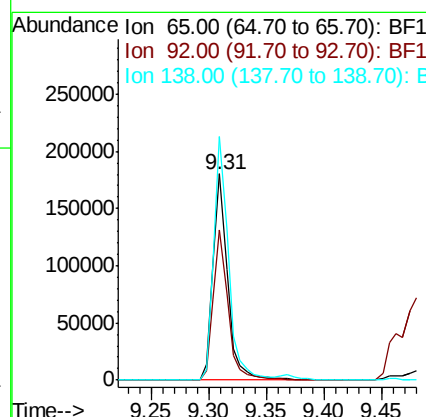
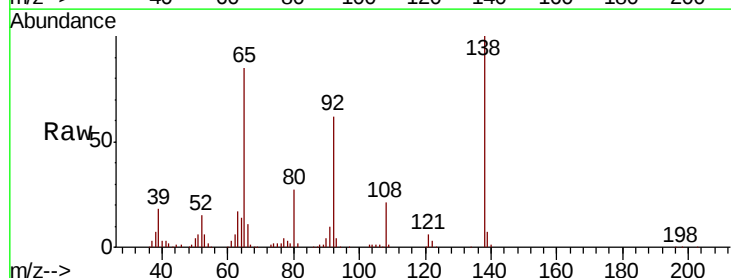
Manual Integrations
 APPROVED

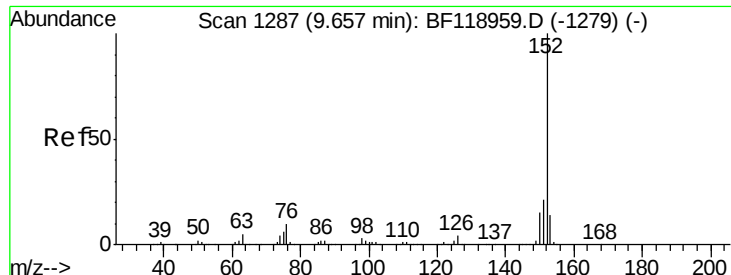
mohammad
 3/16/2020 1:46:50 PM



#48
 2-Nitroaniline
 Concen: 40.426 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	117.9	95.6	143.4





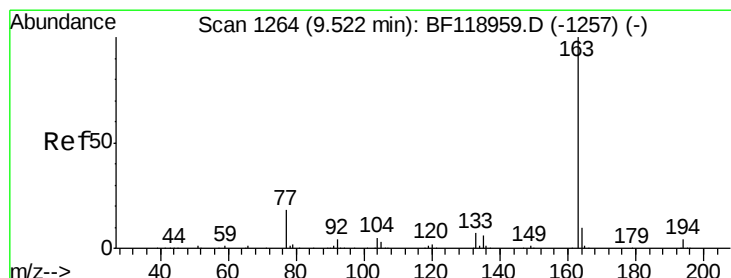
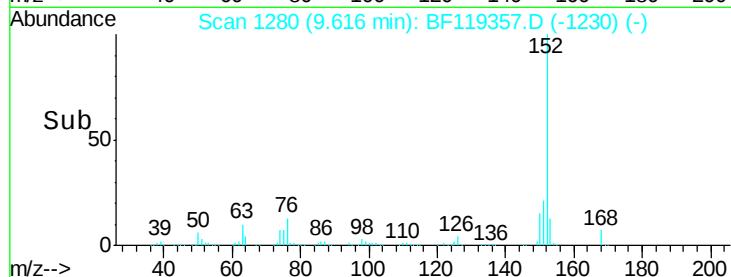
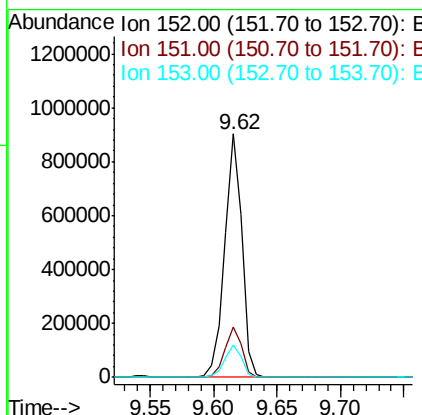
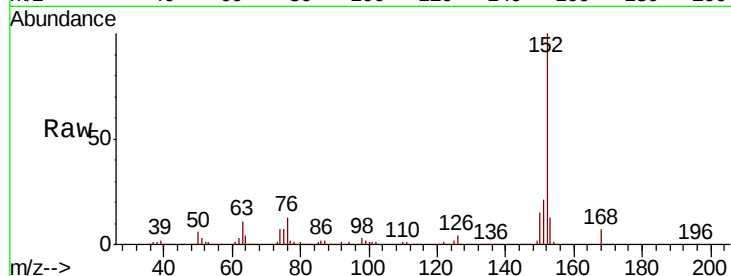
#49
Acenaphthylene
Concen: 41.230 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.0	16.6

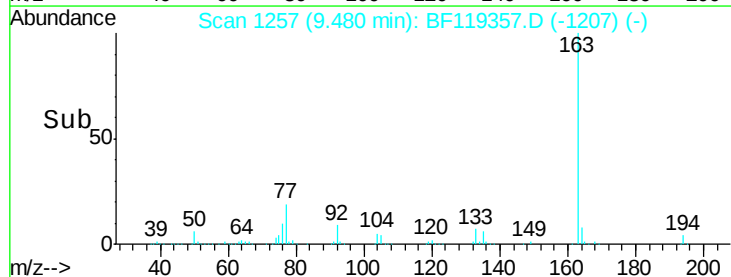
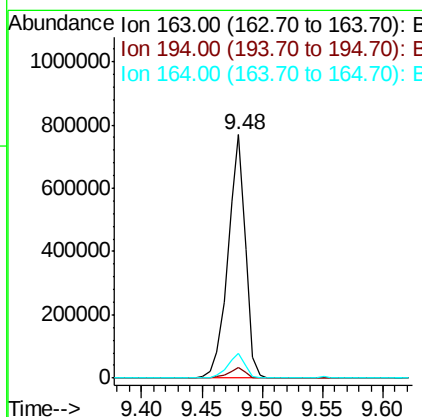
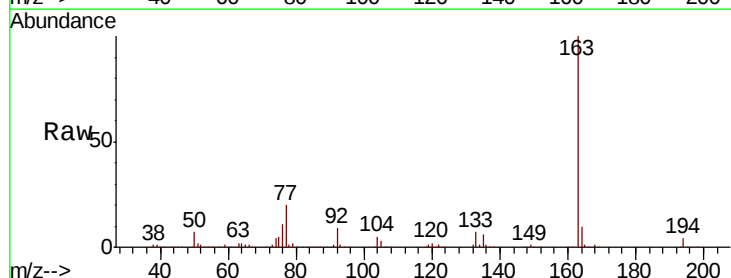
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#50
Dimethylphthalate
Concen: 45.650 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.1	8.4	12.6





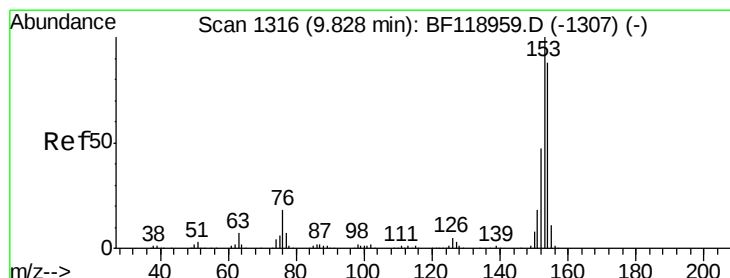
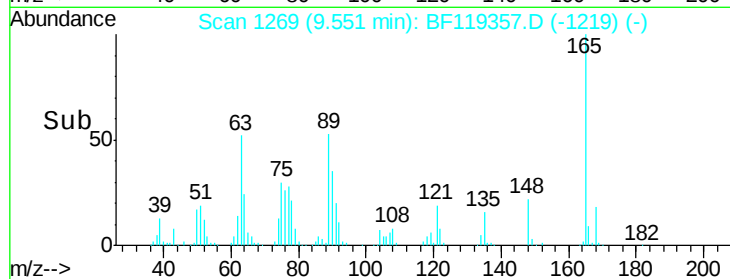
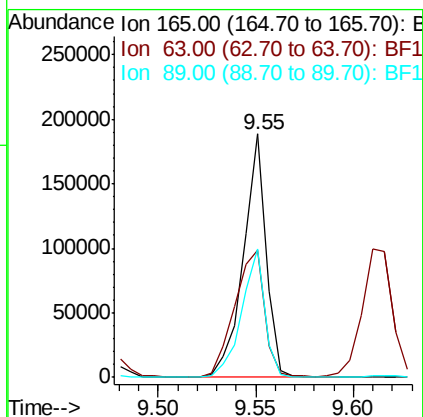
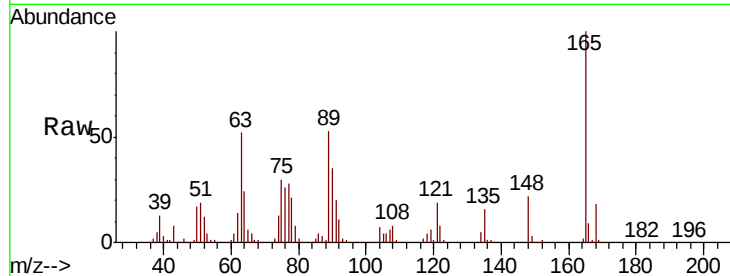
#51
 2,6-Dinitrotoluene
 Concen: 41.069 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.0	34.3	51.5#
89	52.7	38.3	57.5

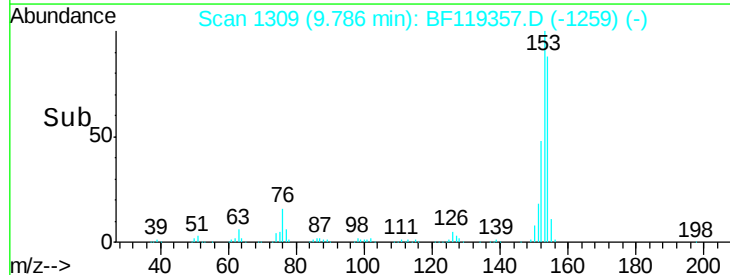
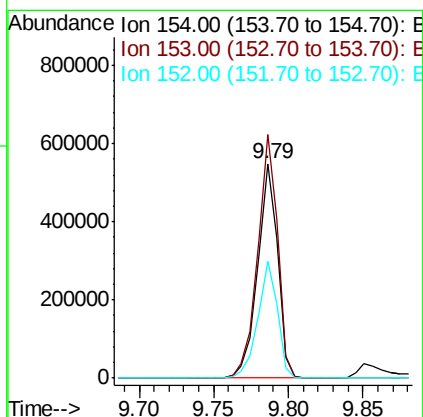
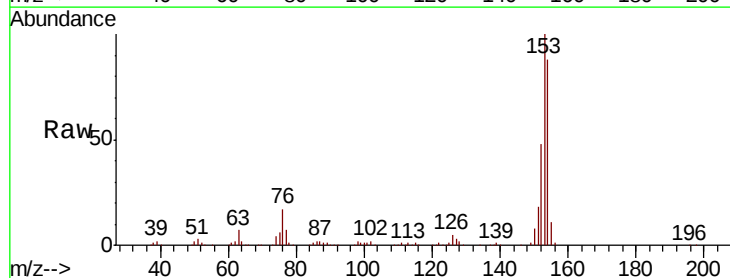
Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM



#52
 Acenaphthene
 Concen: 40.341 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.4	90.3	135.5
152	54.5	43.8	65.8





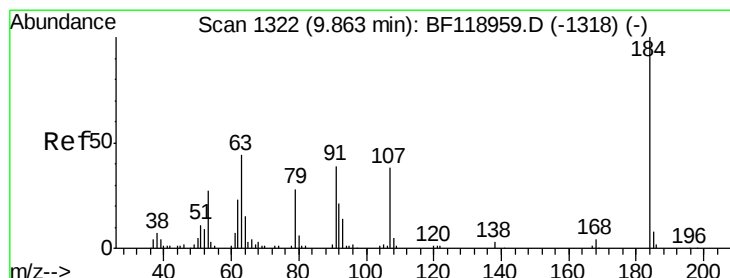
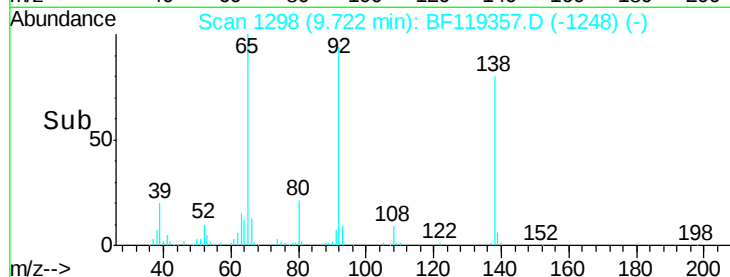
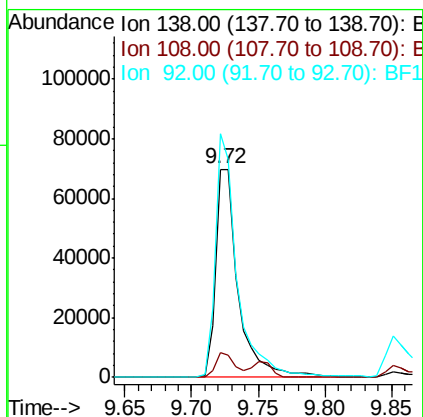
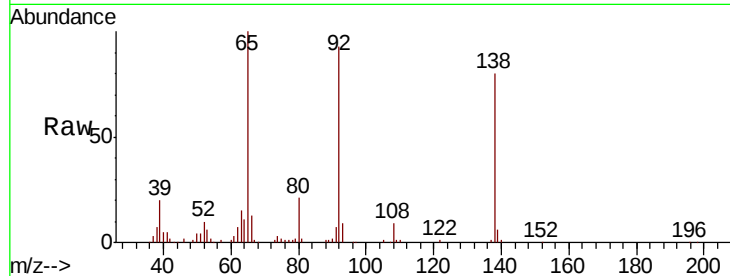
#53
3-Nitroaniline
Concen: 20.363 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.8	13.2
92	117.2	84.8	127.2

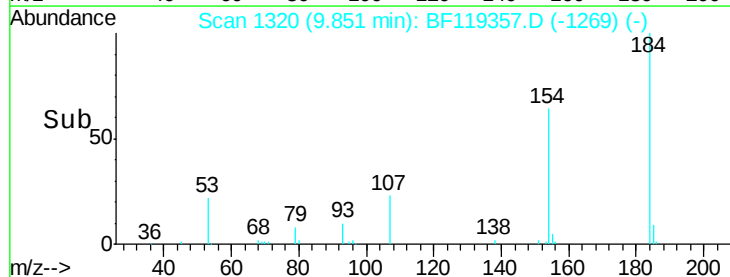
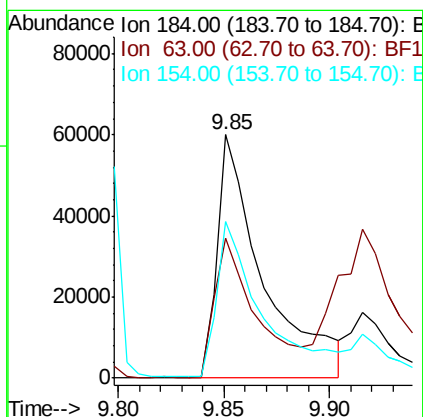
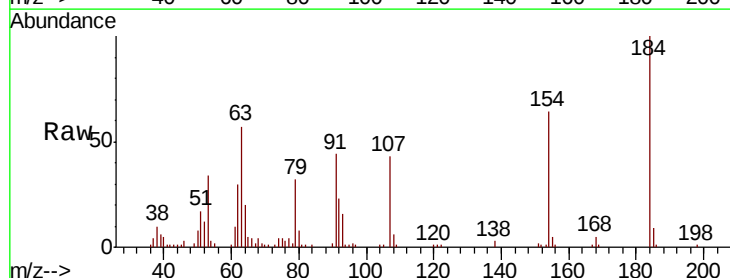
Manual Integrations
APPROVED

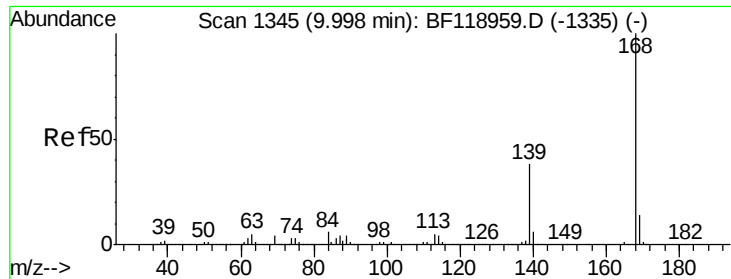
mohammad
3/16/2020 1:46:50 PM



#54
2,4-Dinitrophenol
Concen: 53.003 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	38.7	58.1
154	64.4	49.7	74.5





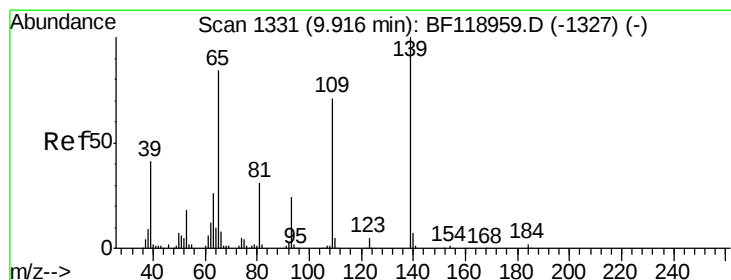
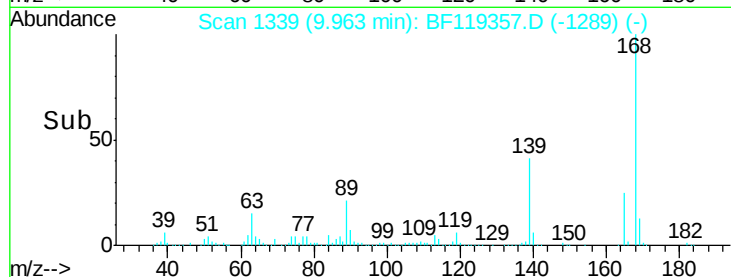
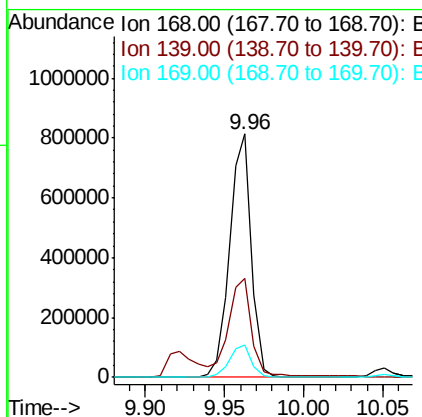
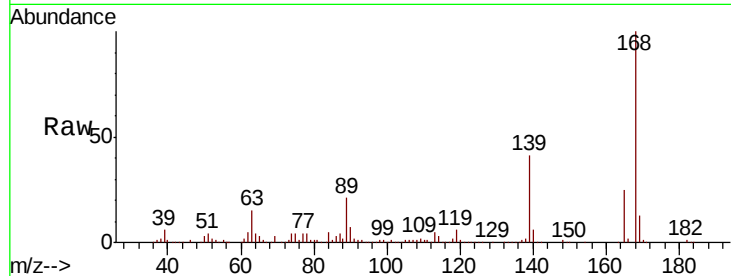
#55
Dibenzenofuran
Concen: 41.179 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	34.0	51.0
169	13.2	11.0	16.4

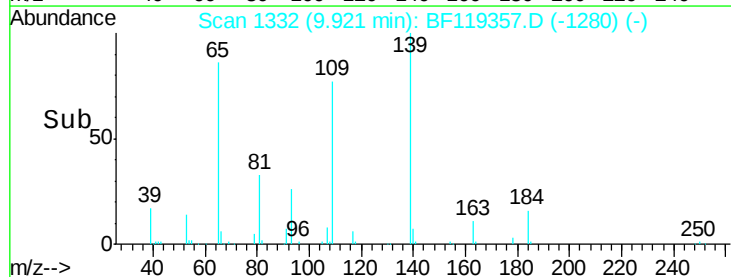
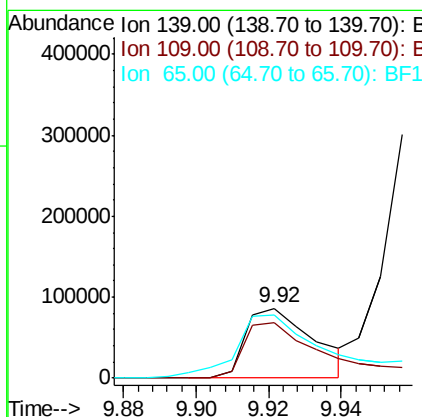
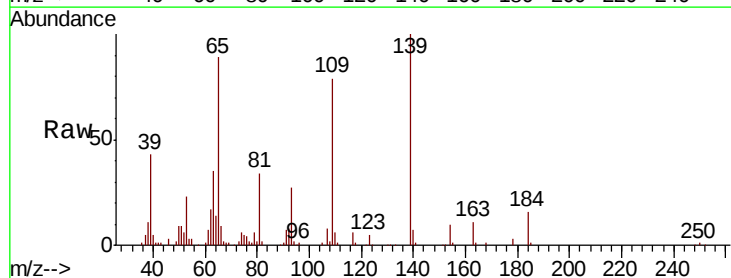
Manual Integrations
APPROVED

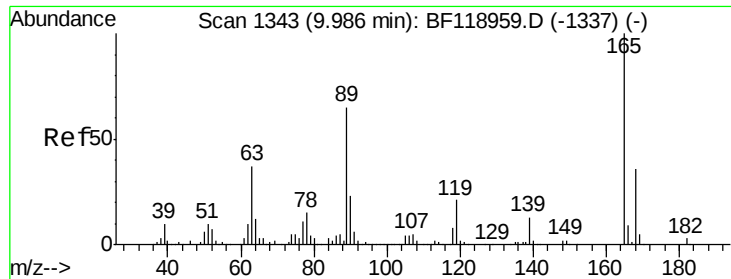
mohammad
3/16/2020 1:46:50 PM



#56
4-Nitrophenol
Concen: 45.107 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	56.7	96.7
65	89.5	65.0	105.0





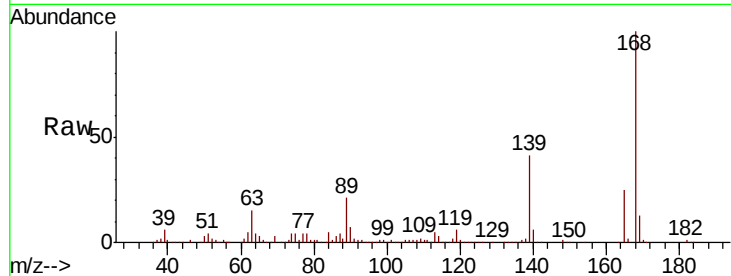
#57
 2,4-Dinitrotoluene
 Concen: 41.472 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

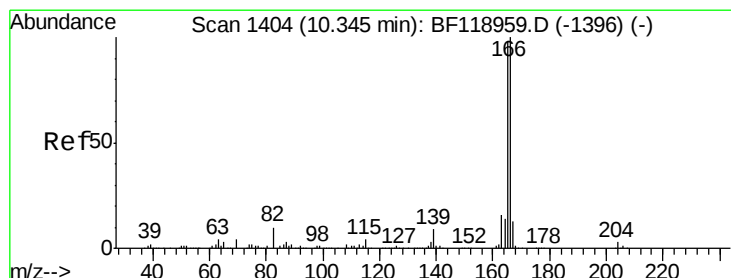
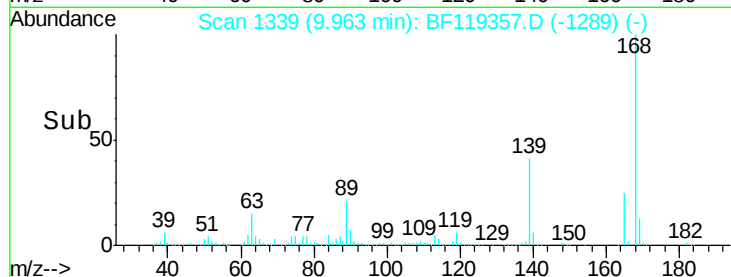
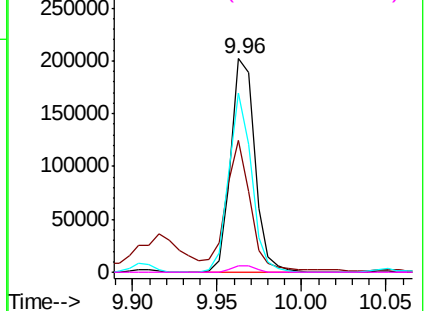
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		200076		
63	61.8	42.3	63.5		
89	84.2	60.2	90.4		
182	3.0	2.3	3.5		

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM

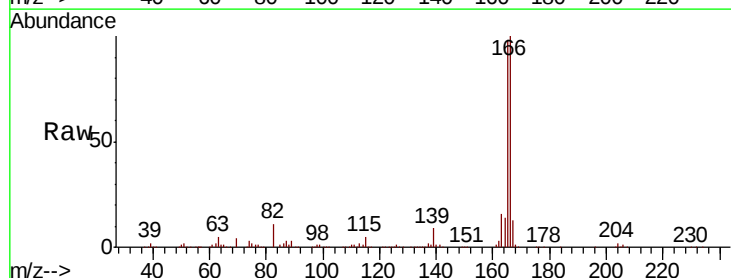


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

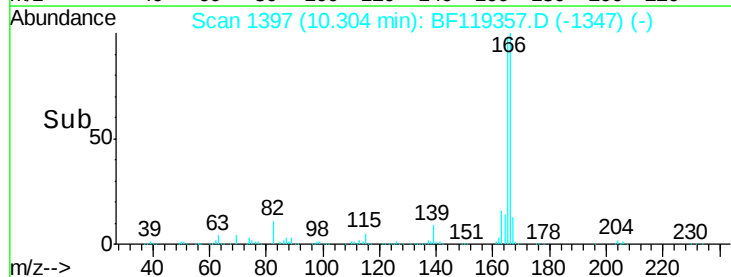
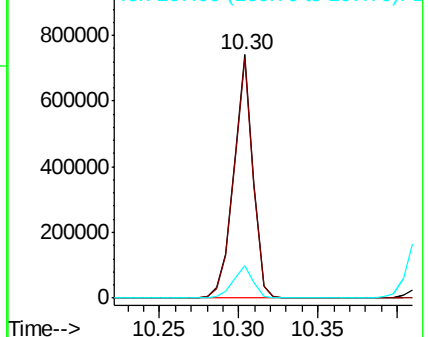


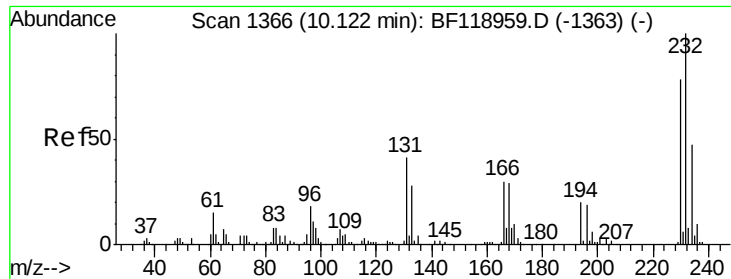
#58
 Fluorene
 Concen: 43.152 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		621924		
165	98.3	78.5	117.7		
167	13.3	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





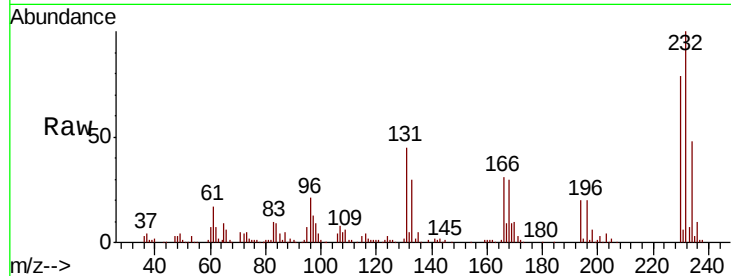
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.052 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

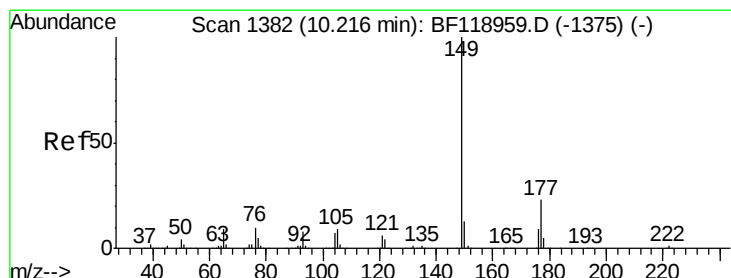
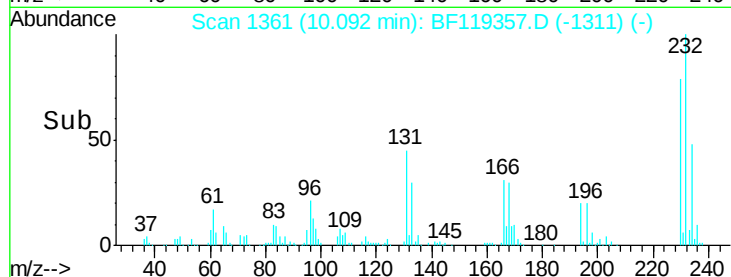
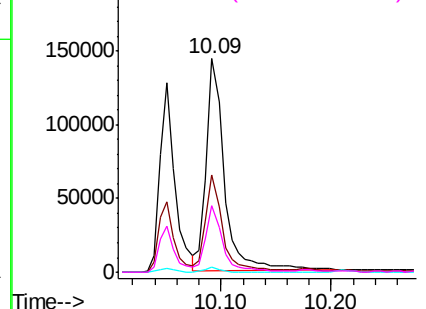
Tot Ion:	232	Resp:	161290
Ion Ratio	Lower	Upper	
232	100		
131	42.4	33.8	50.8
130	2.2	1.8	2.6
166	27.7	23.0	34.4

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM

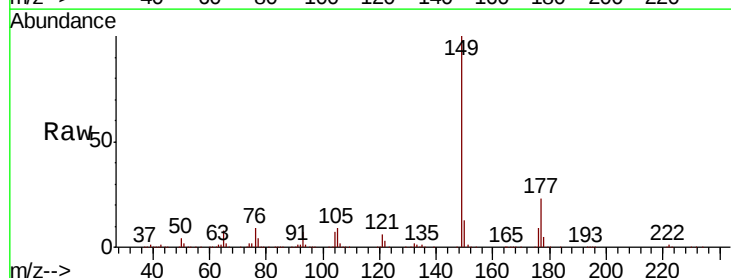


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

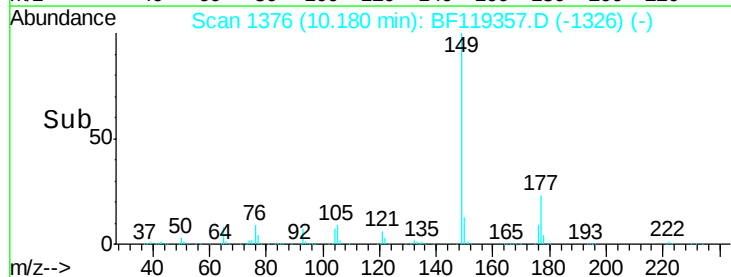
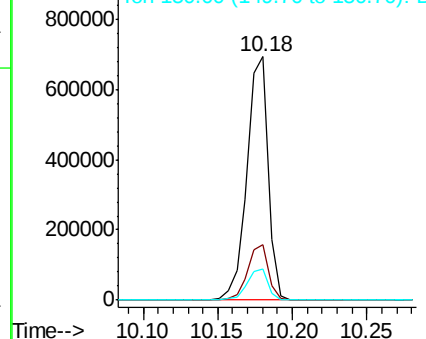


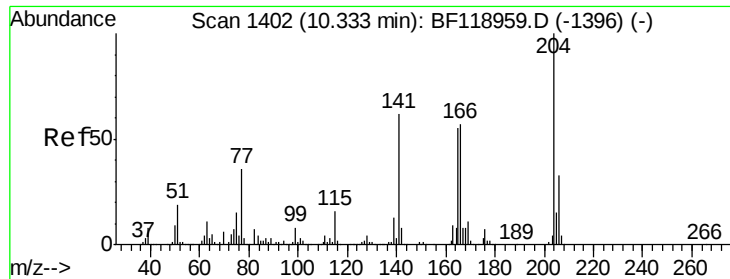
#60
 Diethylphthalate
 Concen: 43.158 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:	149	Resp:	681357
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.2	27.2
150	12.5	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





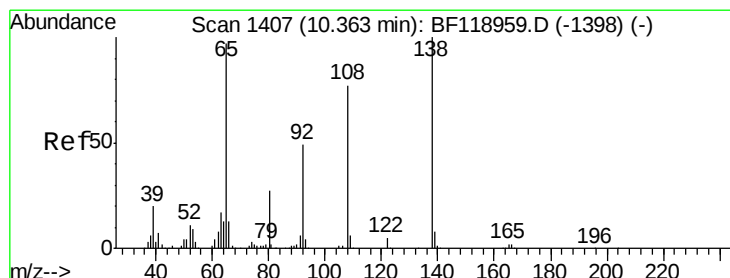
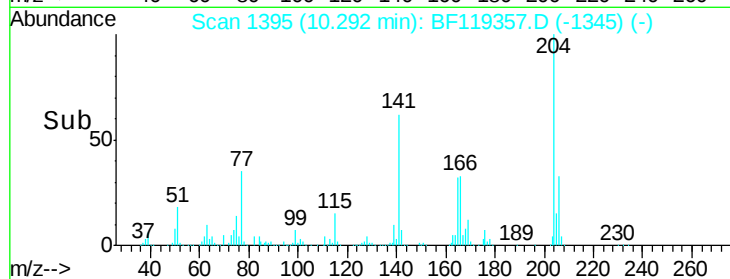
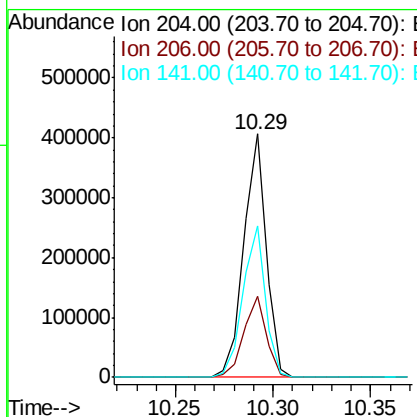
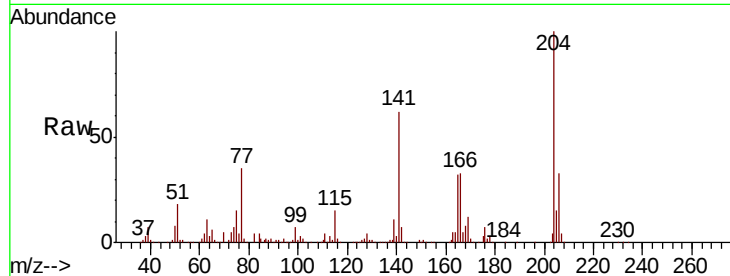
#61
 4-Chlorophenyl-phenylether
 Concen: 42.746 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampled :
 TP-18-DAMS

Tot Ion:	204	Resp:	326100
Ion Ratio		Lower	Upper
204	100		
206	33.4	27.1	40.7
141	62.1	52.9	79.3

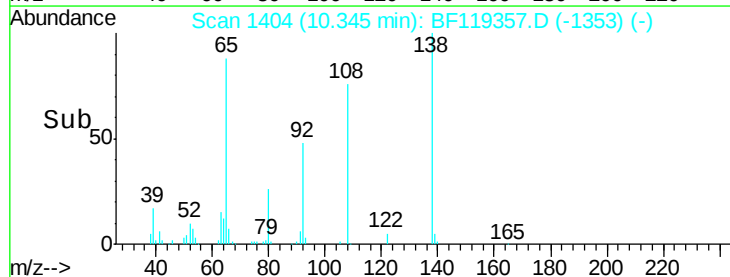
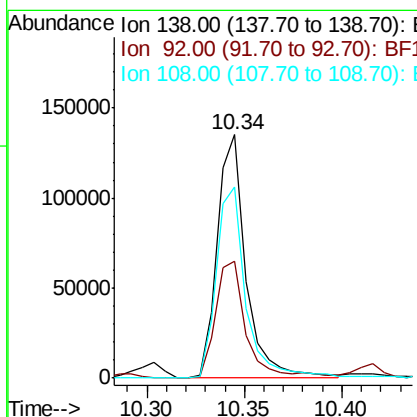
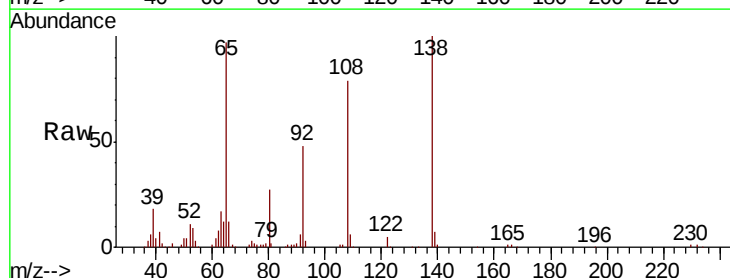
Manual Integrations
 APPROVED

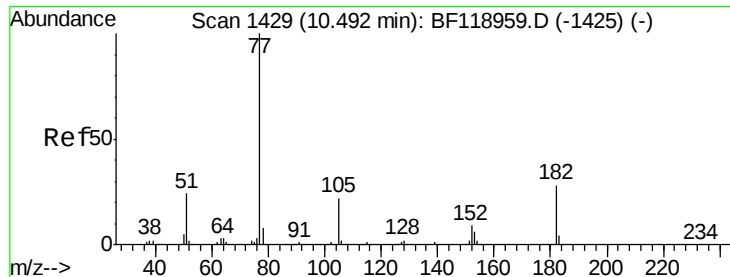
mohammad
 3/16/2020 1:46:50 PM



#62
 4-Nitroaniline
 Concen: 32.872 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:	138	Resp:	138773
Ion Ratio		Lower	Upper
138	100		
92	48.1	27.3	67.3
108	78.5	57.0	97.0





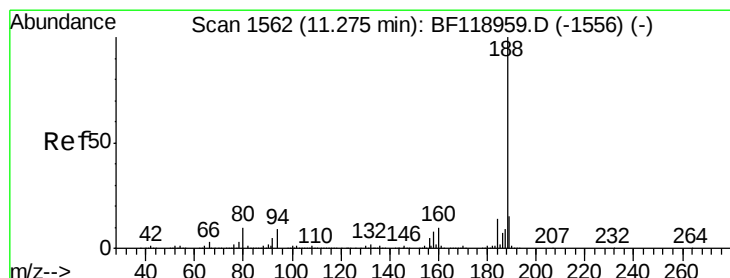
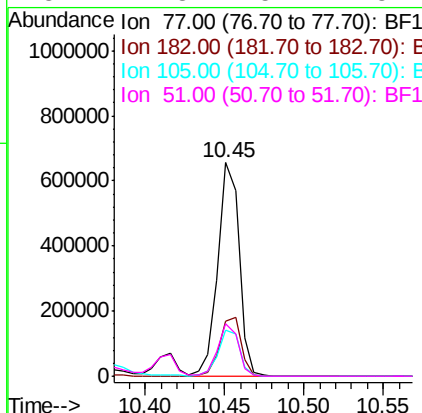
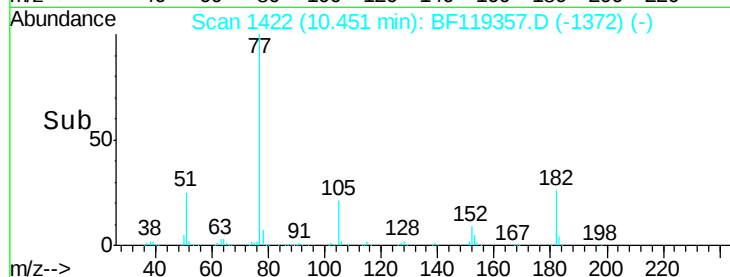
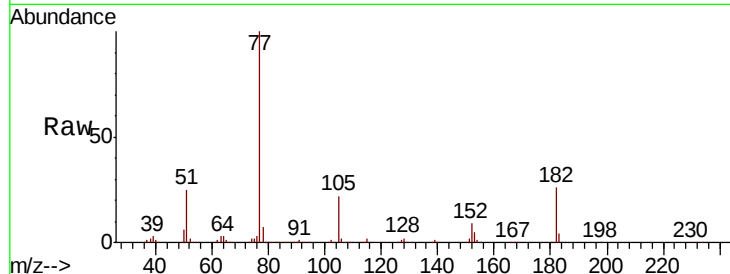
#63
Azobenzene
Concen: 44.547 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	11.4	51.4	
105	21.7	3.4	43.4	
51	24.8	5.1	45.1	

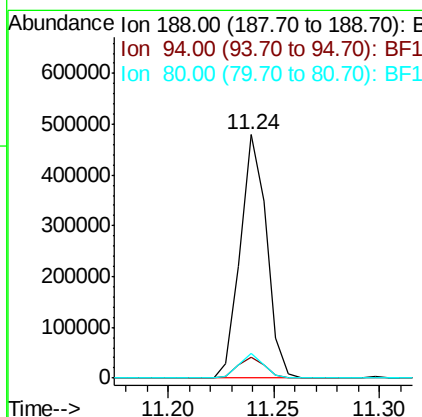
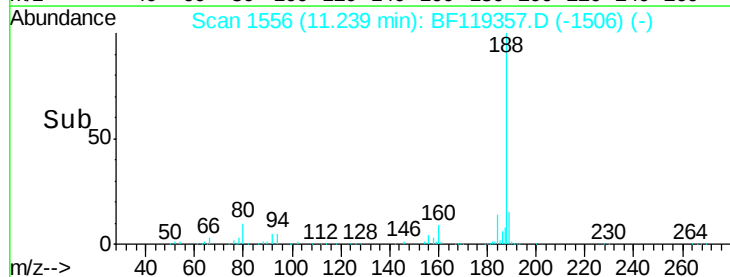
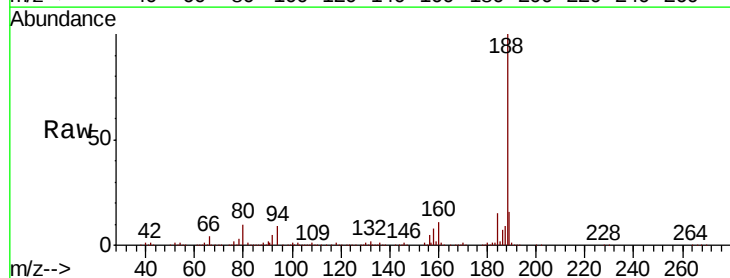
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.1	10.7	
80	10.2	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.549 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampled :

TP-18-DAMS

Tot Ion:198 Resp: 93796

Ion Ratio Lower Upper

198 100

51 34.8 14.2 54.2

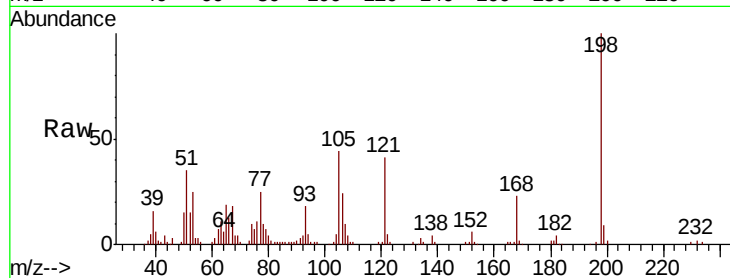
105 43.9 22.7 62.7

Manual Integrations

APPROVED

mohammad

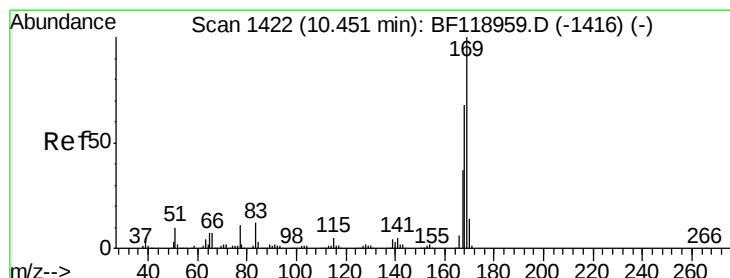
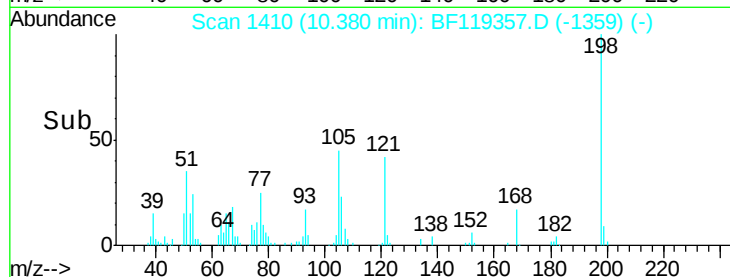
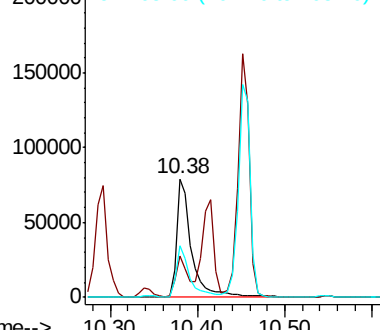
3/16/2020 1:46:50 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.741 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

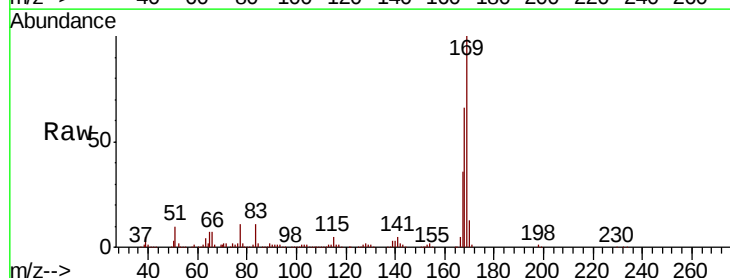
Tgt Ion:169 Resp: 564196

Ion Ratio Lower Upper

169 100

168 66.3 54.1 81.1

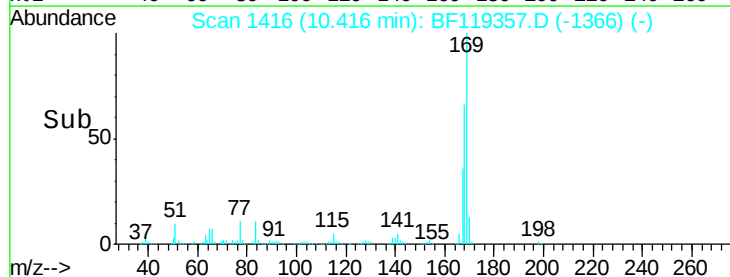
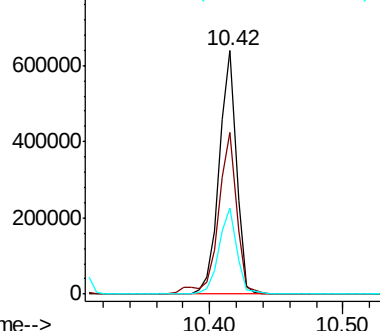
167 35.5 29.4 44.0

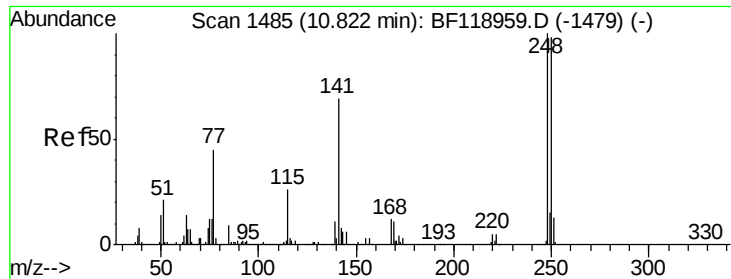


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





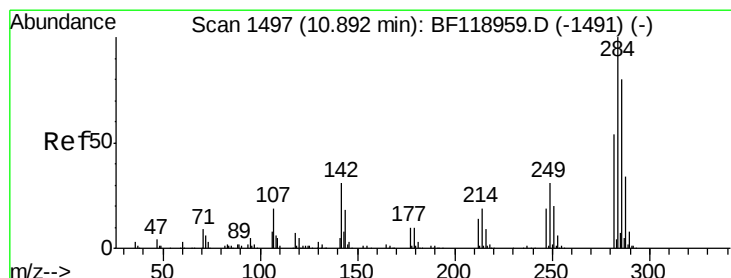
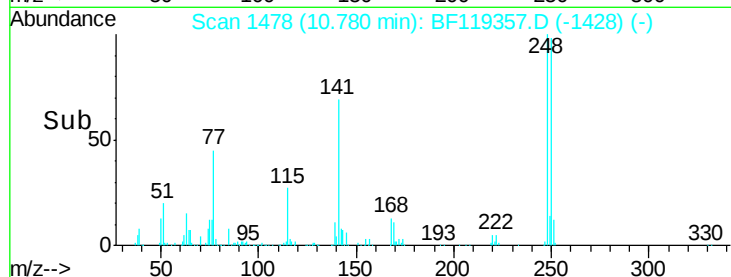
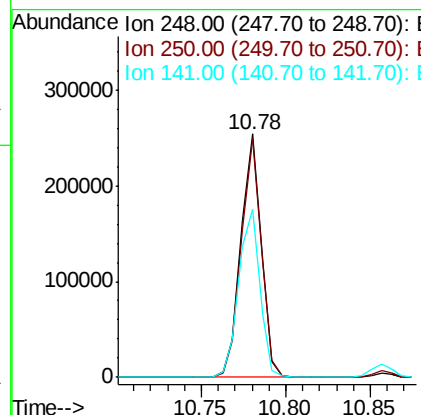
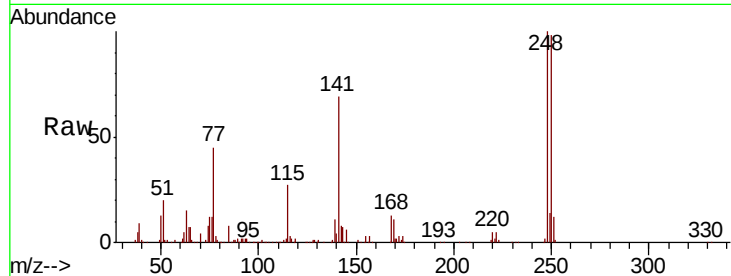
#67
4-Bromophenyl-phenylether
Concen: 39.481 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.7	115.1
141	69.0	60.7	91.1

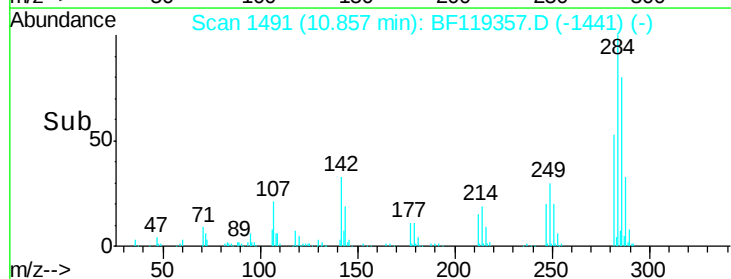
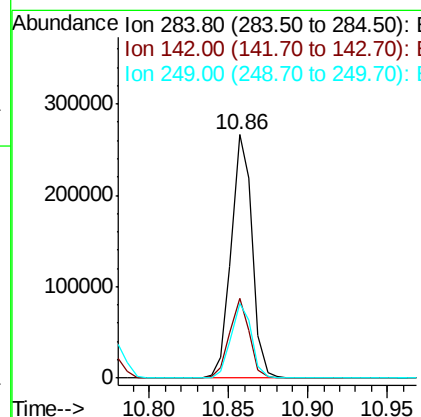
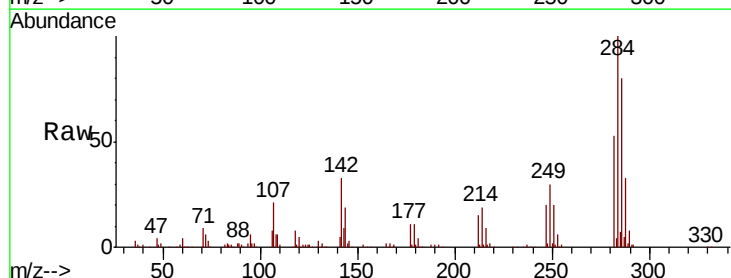
Manual Integrations
APPROVED

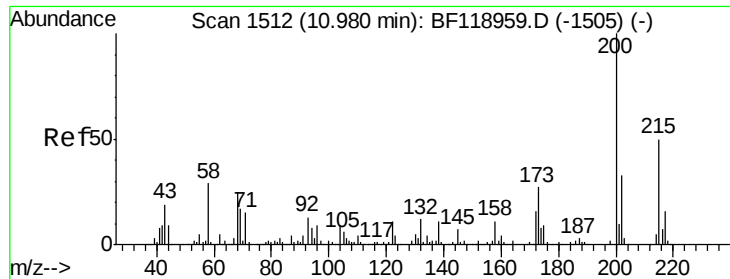
mohammad
3/16/2020 1:46:50 PM



#68
Hexachlorobenzene
Concen: 39.106 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	23.7	35.5
249	30.4	25.0	37.6





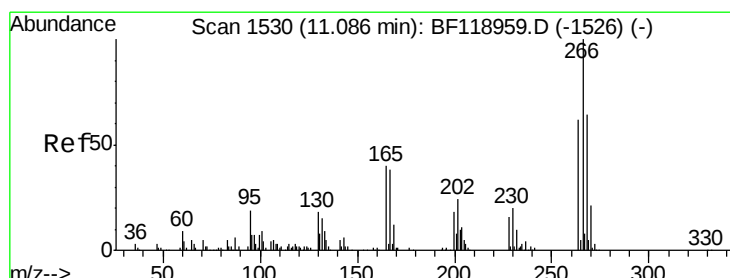
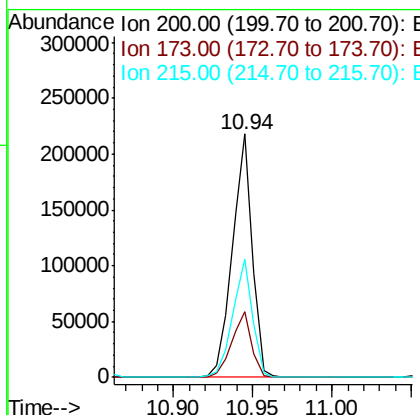
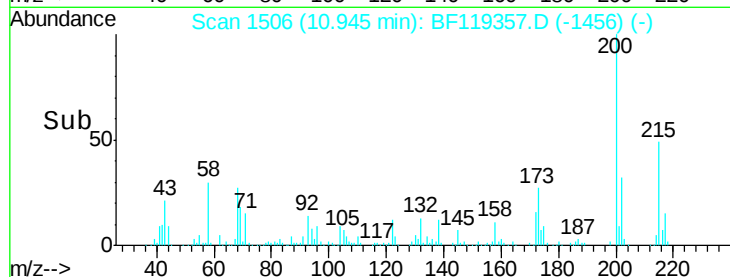
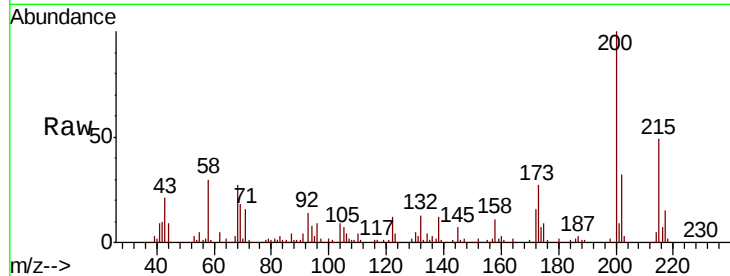
#69
Atrazine
Concen: 40.122 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :
TP-18-DAMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.4	46.4
215	48.5	27.4	67.4

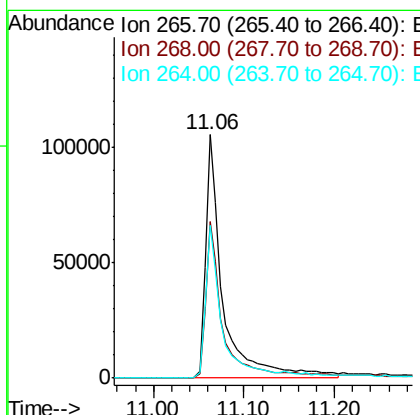
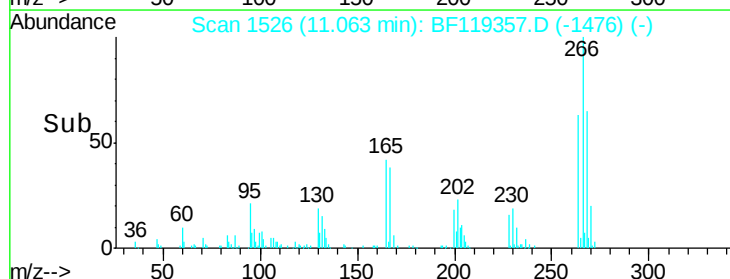
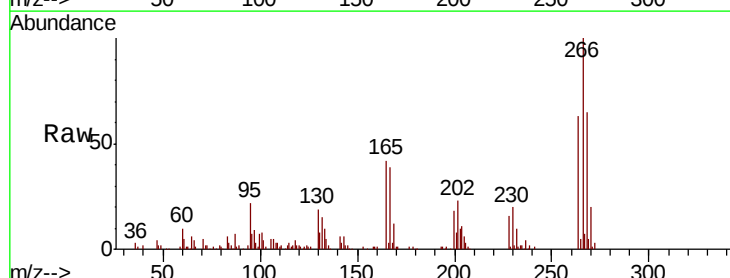
Manual Integrations
APPROVED

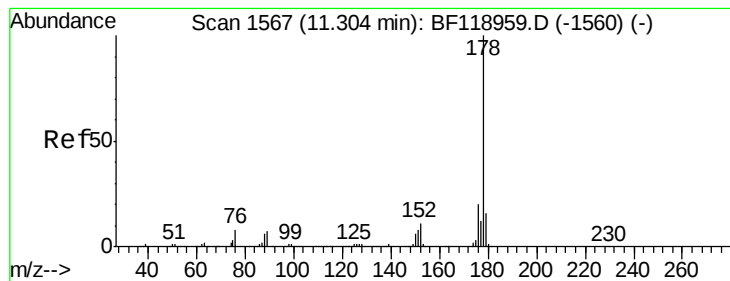
mohammad
3/16/2020 1:46:50 PM



#70
Pentachlorophenol
Concen: 57.443 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.9	77.9
264	62.7	51.0	76.4





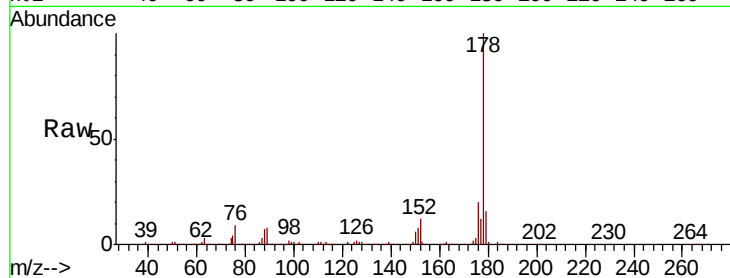
#71
Phenanthrene
Concen: 41.034 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :
TP-18-DAMS

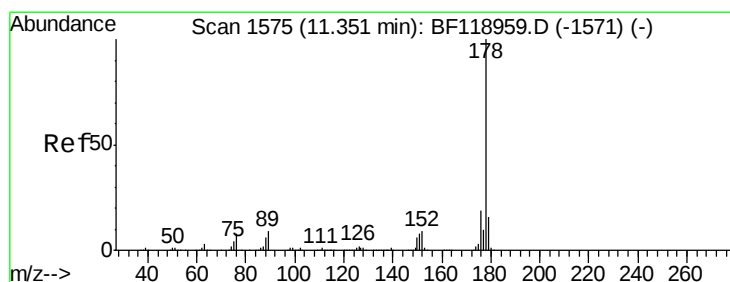
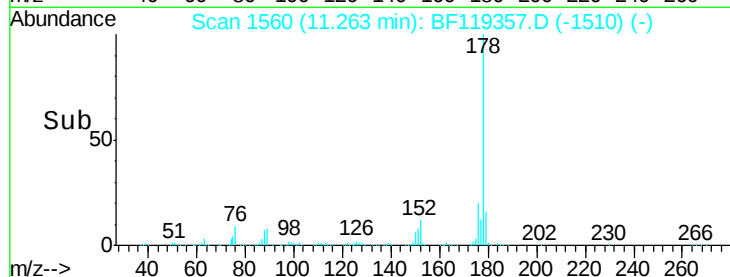
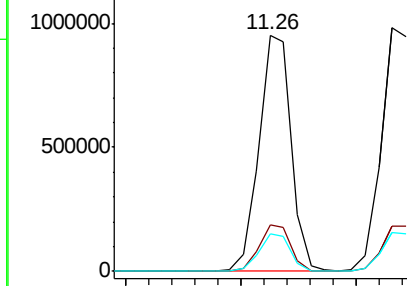
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.5	24.7
179	16.0	13.0	19.6

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



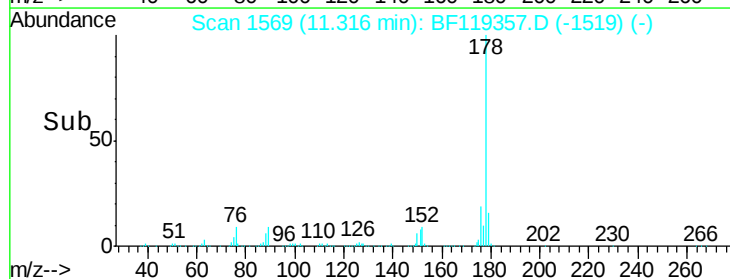
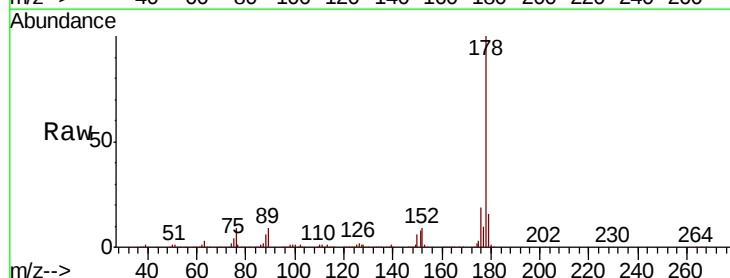
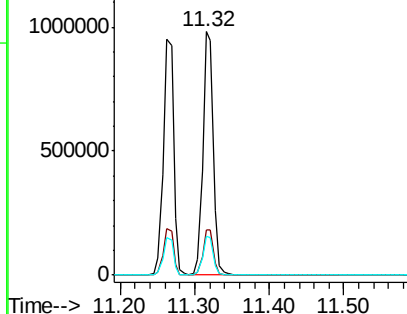
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.329 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.1	13.1	19.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





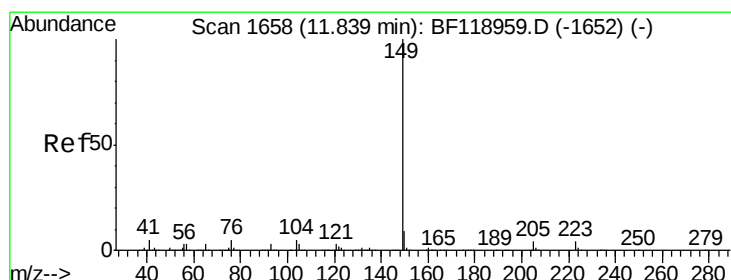
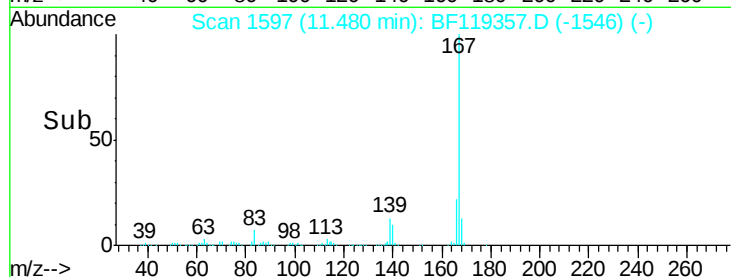
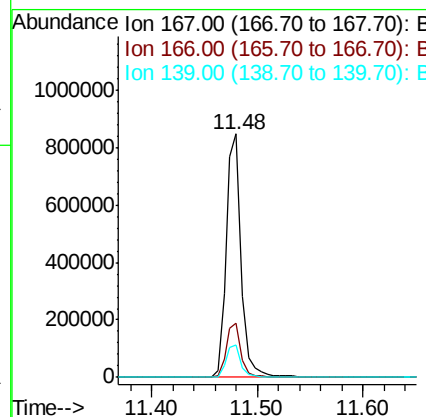
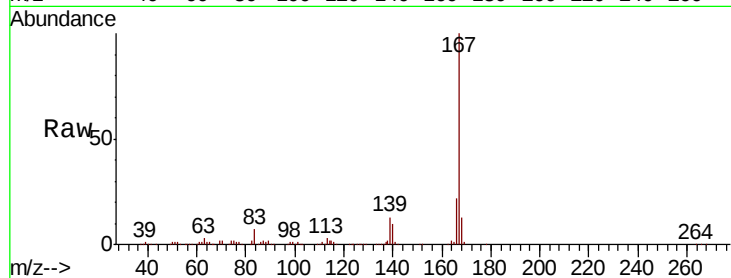
#73
 Carbazole
 Concen: 42.044 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.7	17.5

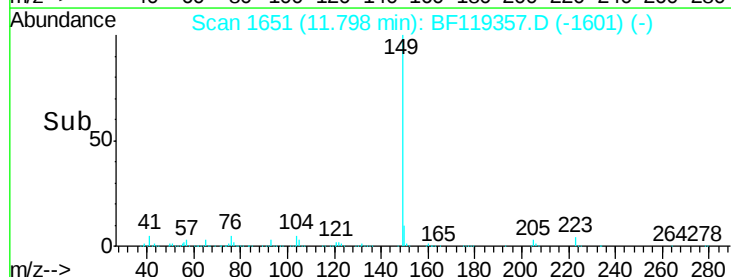
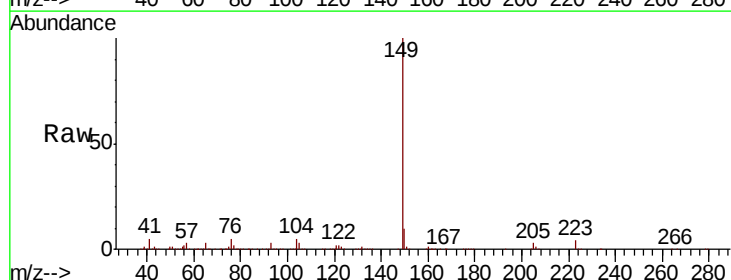
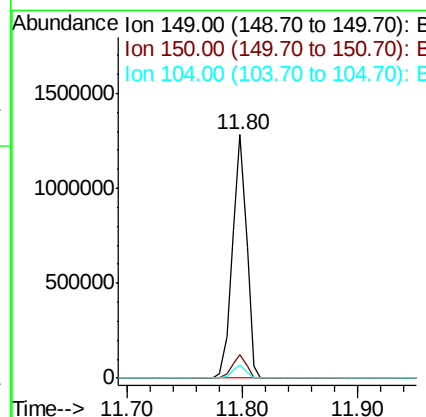
Manual Integrations
 APPROVED

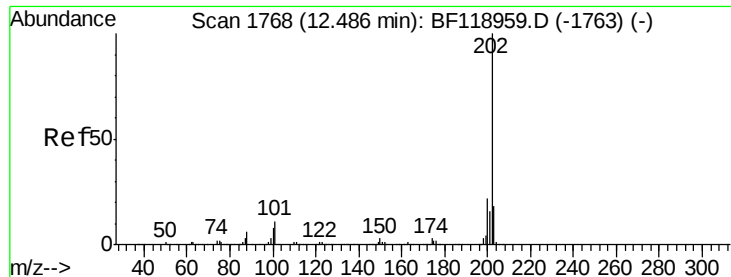
mohammad
 3/16/2020 1:46:50 PM



#74
 Di-n-butylphthalate
 Concen: 44.654 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 40.927 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

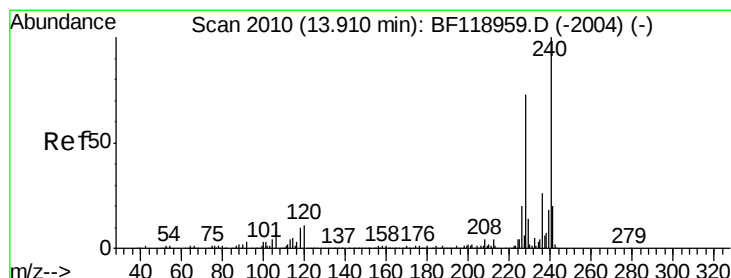
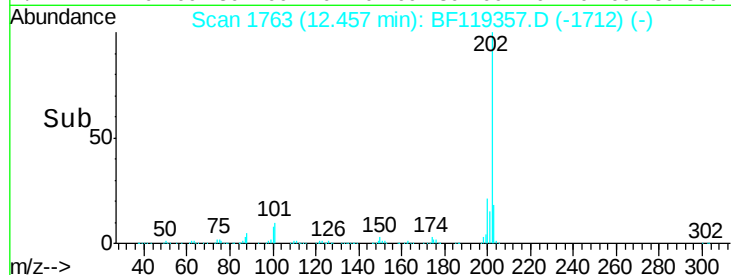
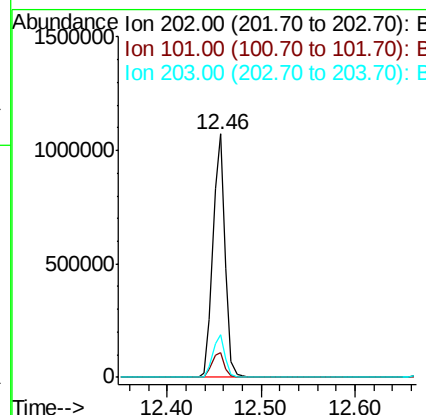
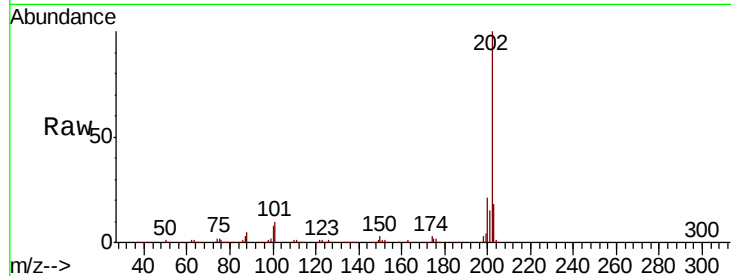
ClientSampleId :

TP-18-DAMS

Tot Ion:	202	Resp:	978005
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.3
203	17.6	0.0	38.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#76

Chrysene-d12

Concen: 20.000 ng

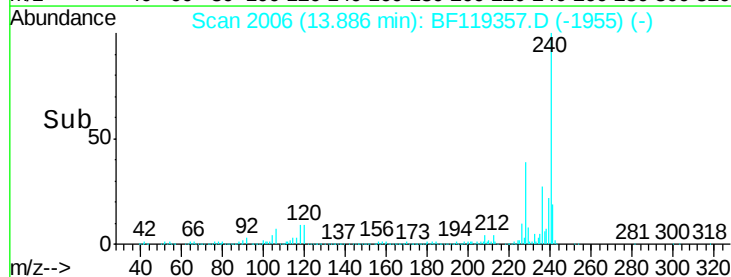
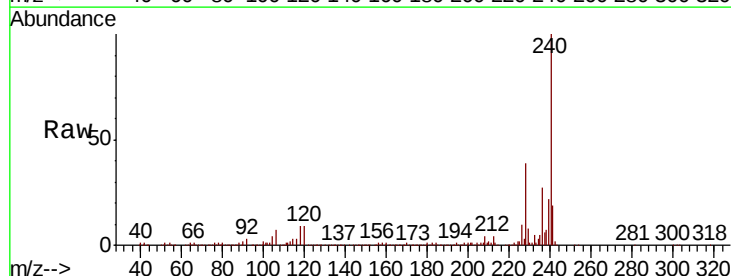
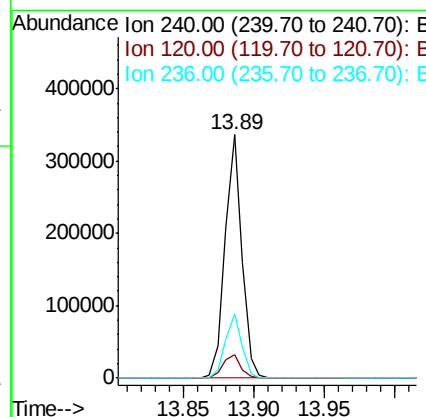
RT: 13.89 min Scan# 2006

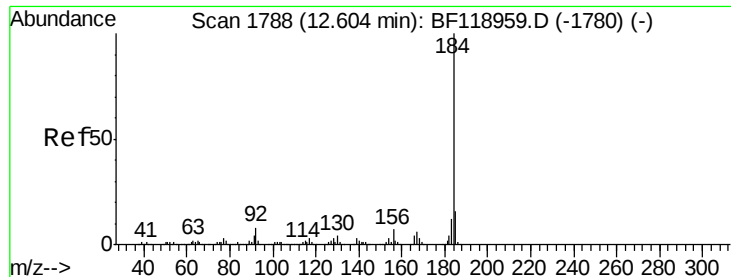
Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	240	Resp:	277945
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.4	12.6
236	26.7	21.0	31.4





#77

Benzidine

Concen: 46.199 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

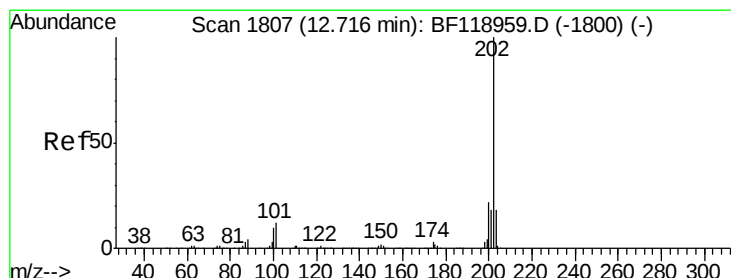
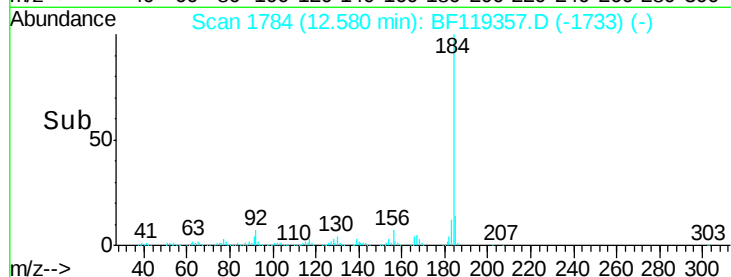
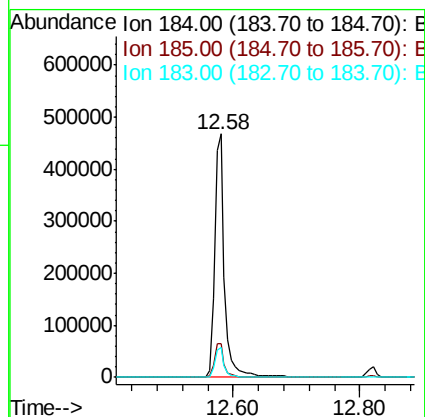
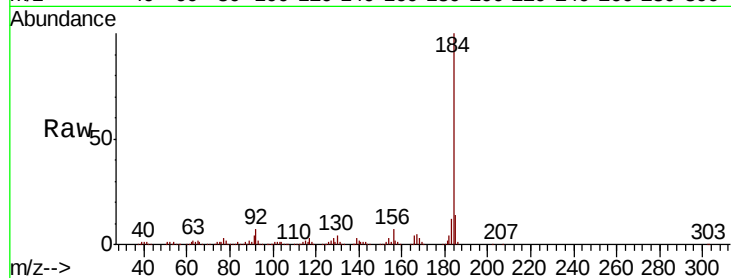
ClientSampleId :

TP-18-DAMS

Tot Ion:	184	Resp:	522220
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.4
183	12.1	9.9	14.9

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#78

Pyrene

Concen: 43.677 ng

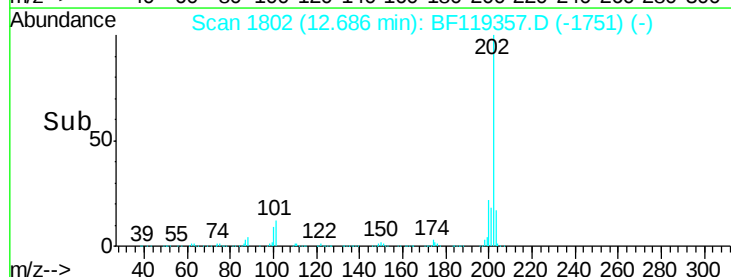
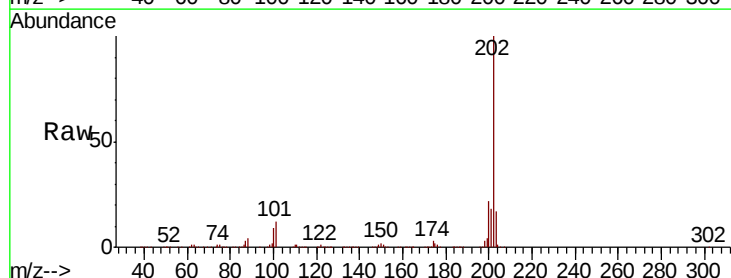
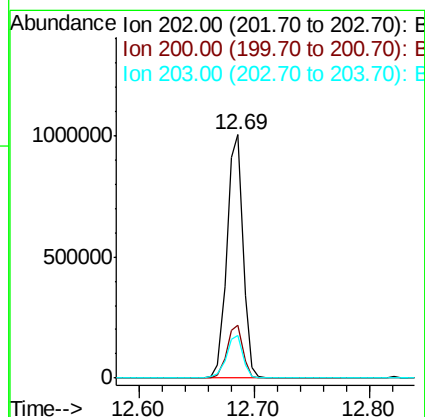
RT: 12.69 min Scan# 1802

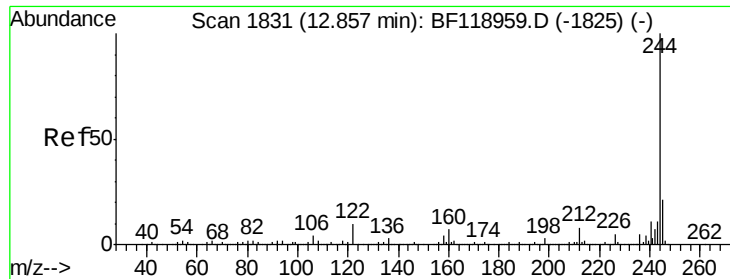
Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	202	Resp:	974801
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.0	27.0
203	17.4	14.6	22.0





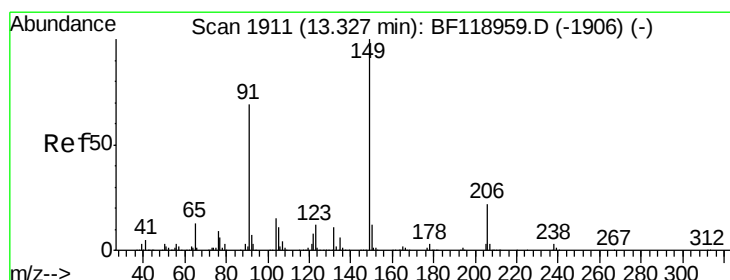
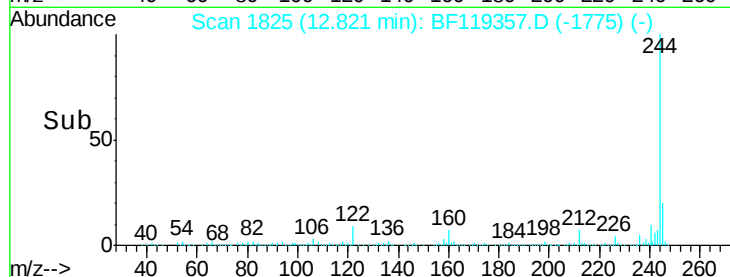
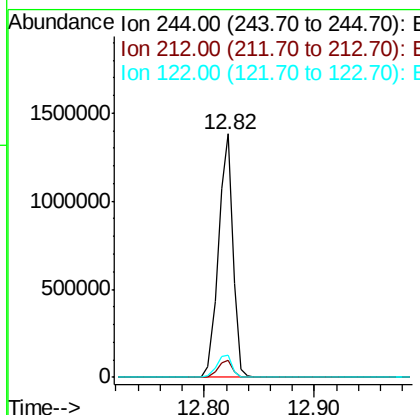
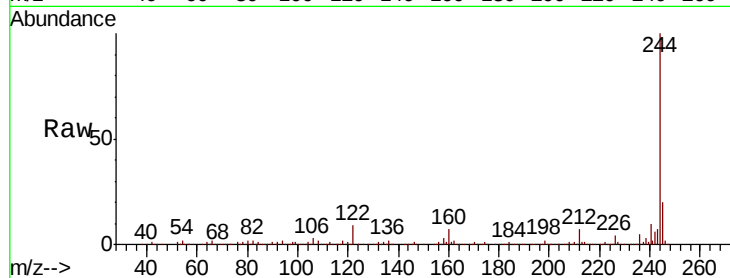
#79
 Terphenyl-d14
 Concen: 77.453 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.0	8.2	12.2

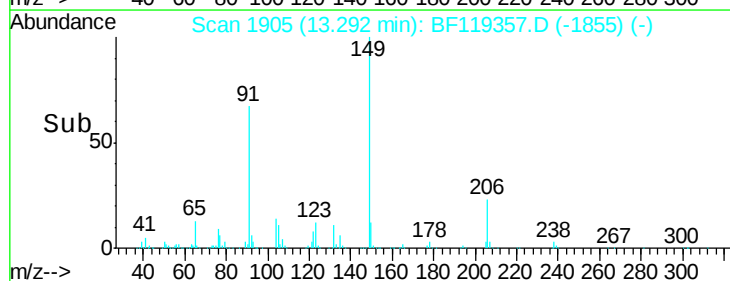
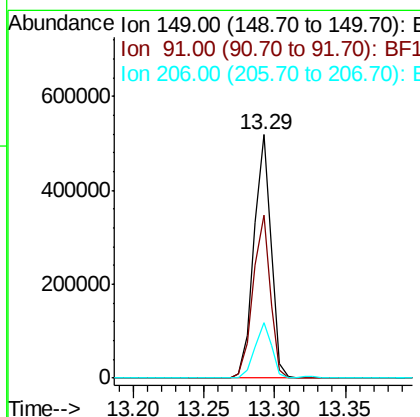
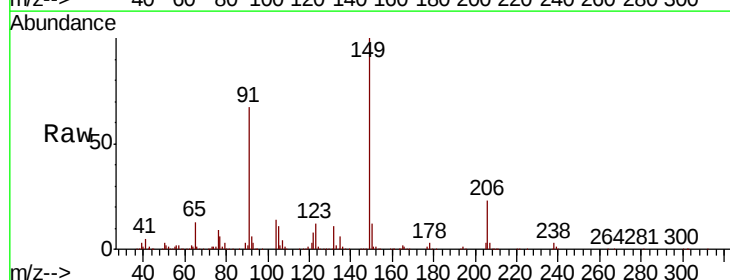
Manual Integrations
 APPROVED

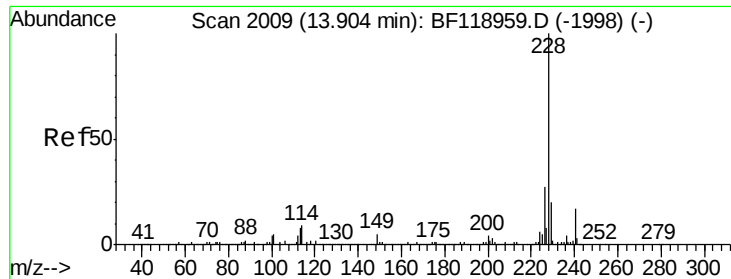
mohammad
 3/16/2020 1:46:50 PM



#80
 Butylbenzylphthalate
 Concen: 47.327 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	52.3	78.5
206	22.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 42.286 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

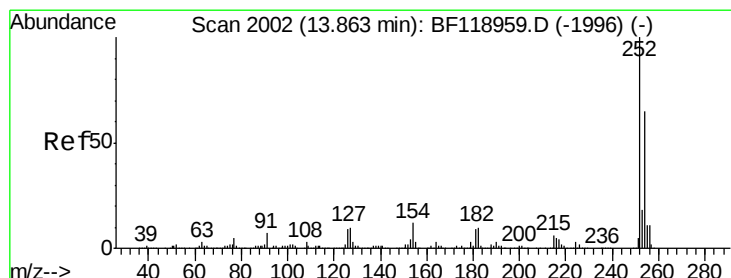
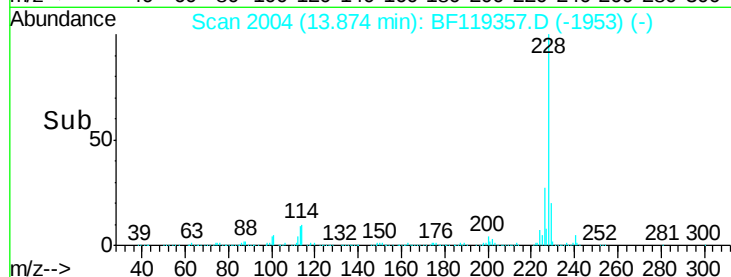
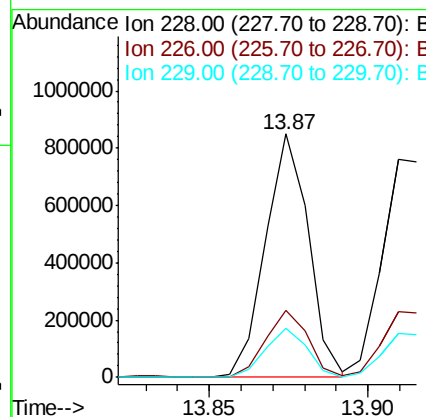
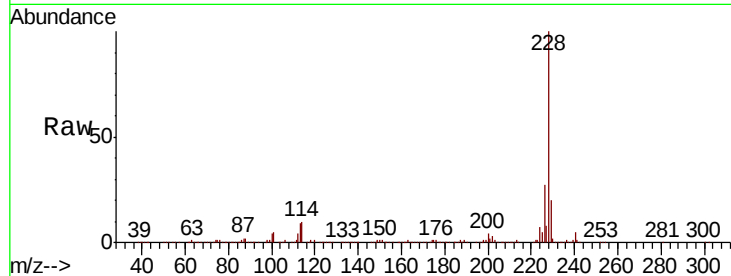
ClientSampleId :

TP-18-DAMS

Tot Ion:	228	Resp:	800820
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.1	16.6	24.8

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#82

3,3'-Dichlorobenzidine

Concen: 29.183 ng

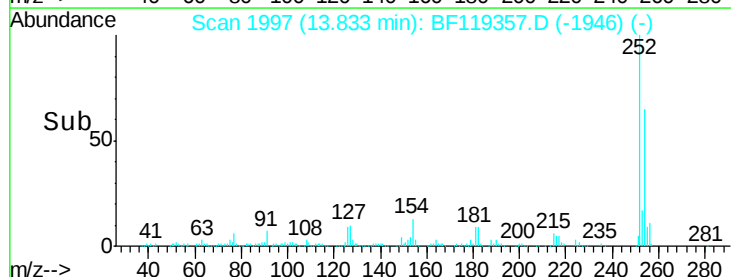
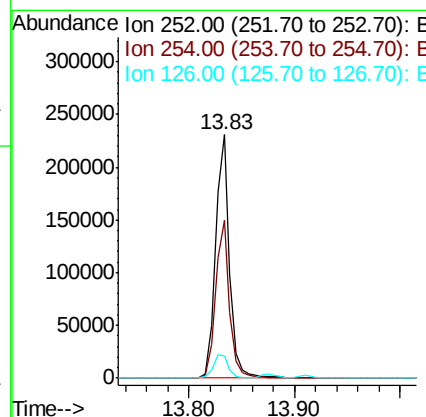
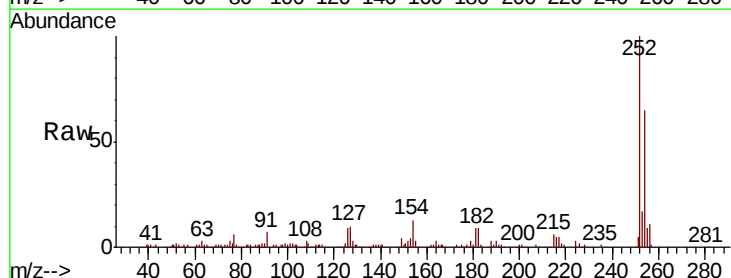
RT: 13.83 min Scan# 1997

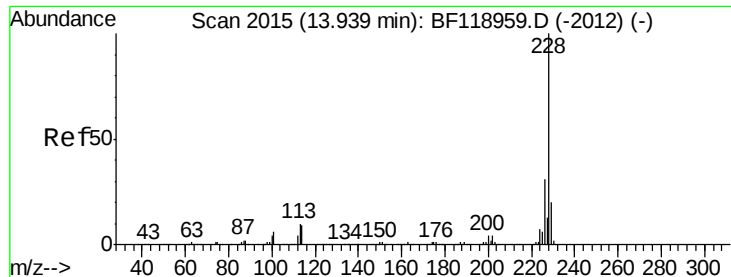
Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:	252	Resp:	214608
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.6	77.4
126	9.1	7.4	11.0





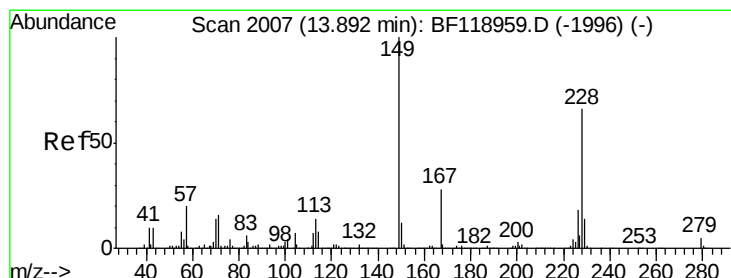
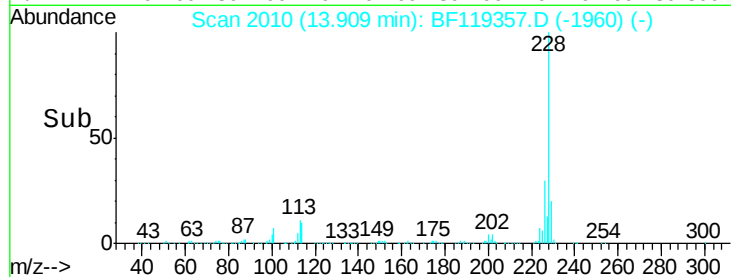
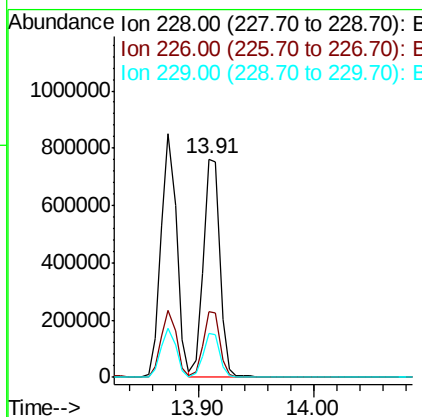
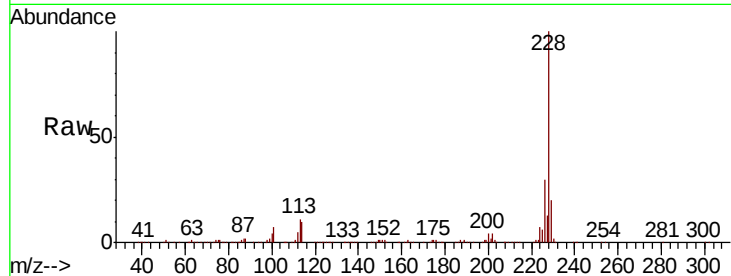
#83
 Chrysene
 Concen: 40.922 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	19.9	16.3	24.5

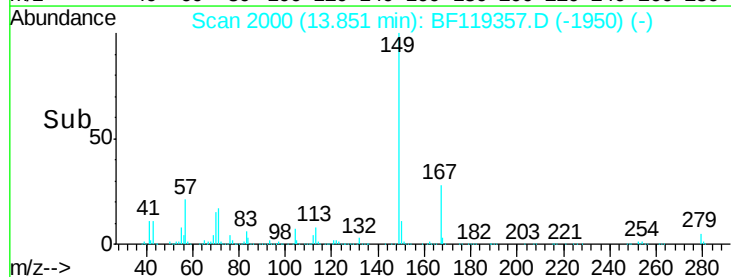
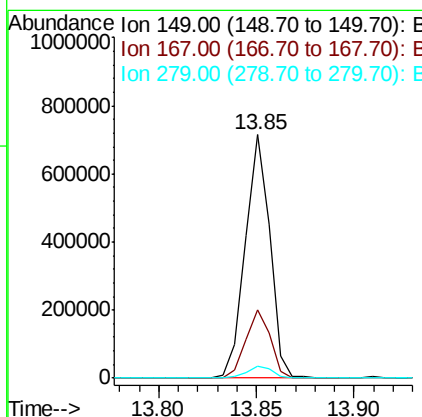
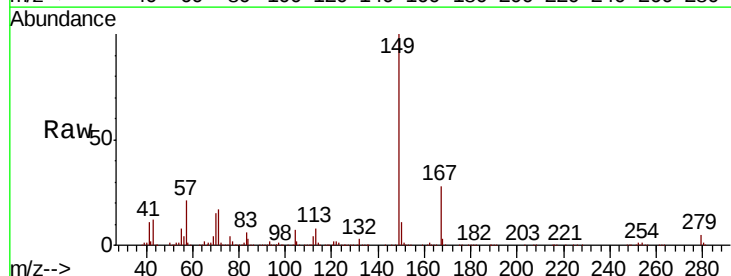
Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:50 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.818 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.8	4.6	6.8





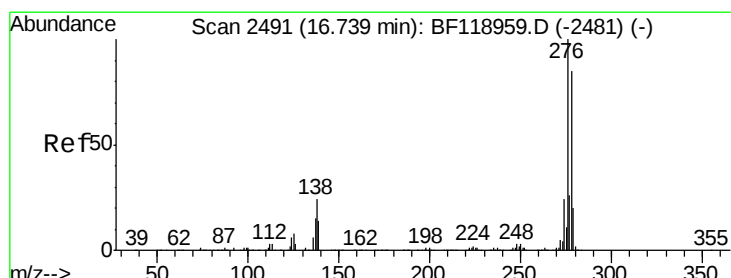
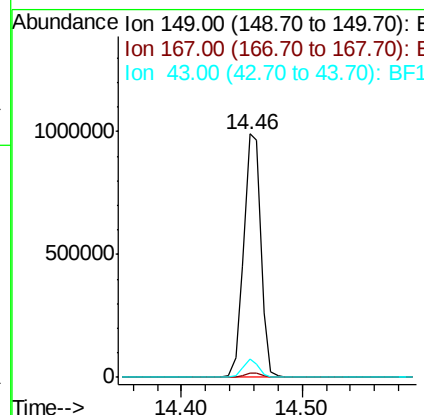
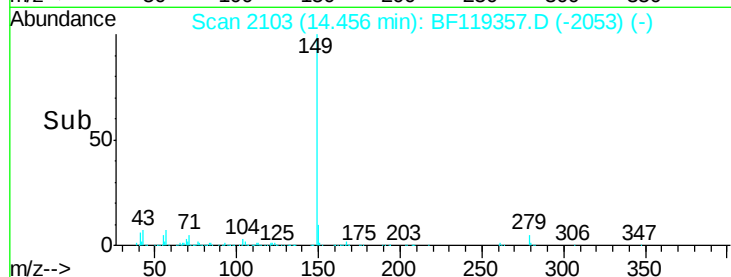
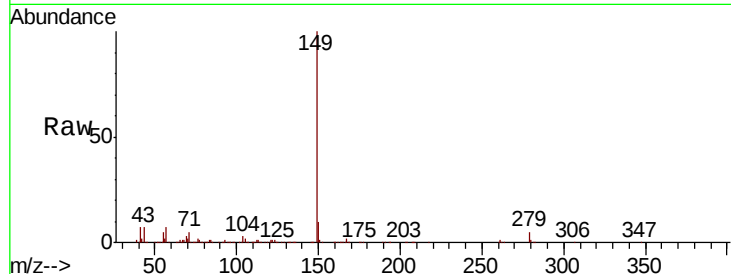
#85
Di-n-octyl phthalate
Concen: 52.299 ng
RT: 14.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	6.6	5.7	8.5	

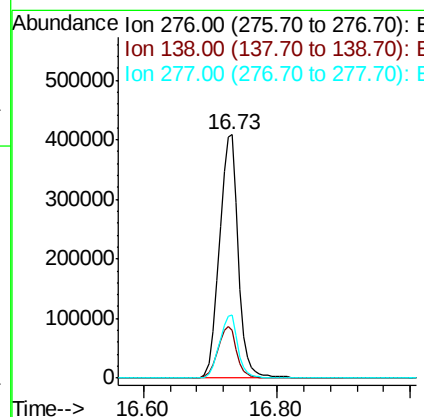
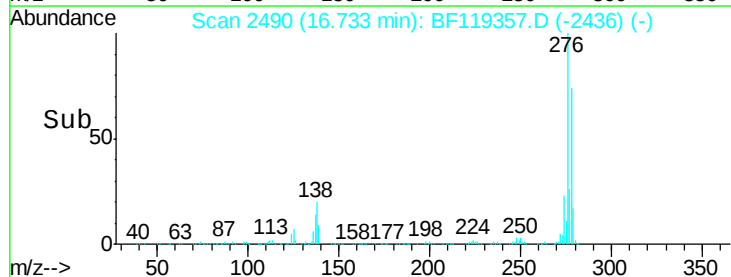
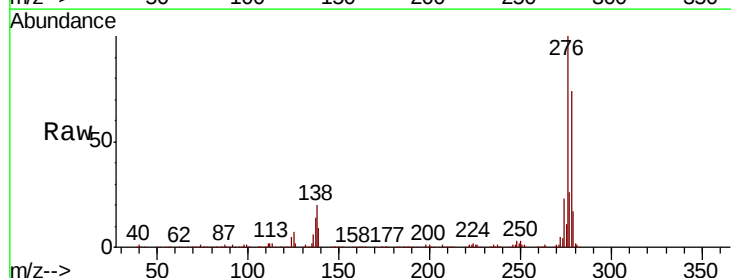
Manual Integrations
APPROVED

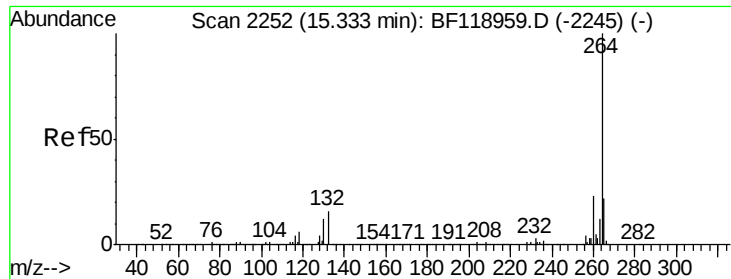
mohammad
3/16/2020 1:46:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.610 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.3	17.4	26.0	
277	25.4	20.3	30.5	





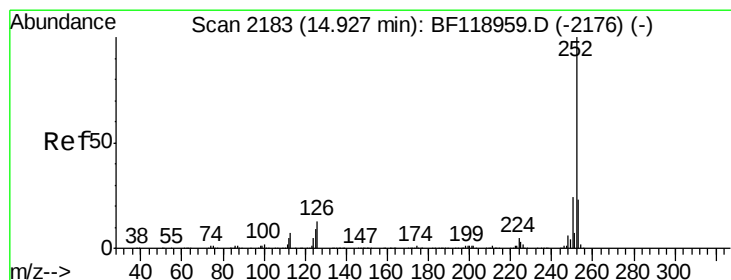
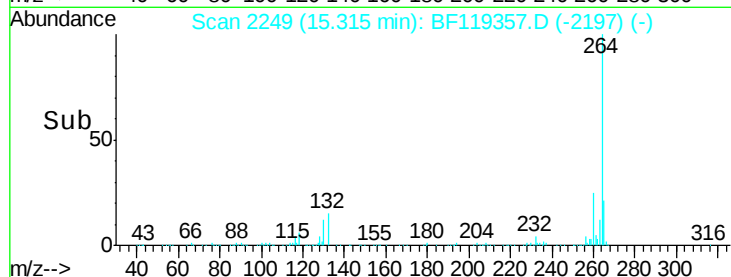
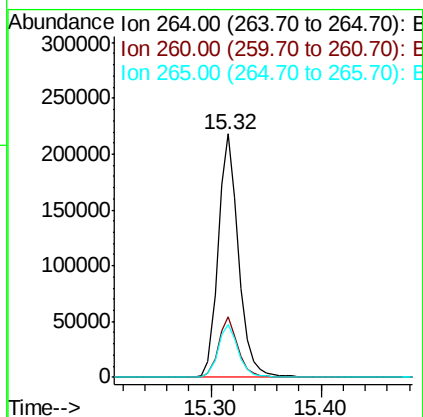
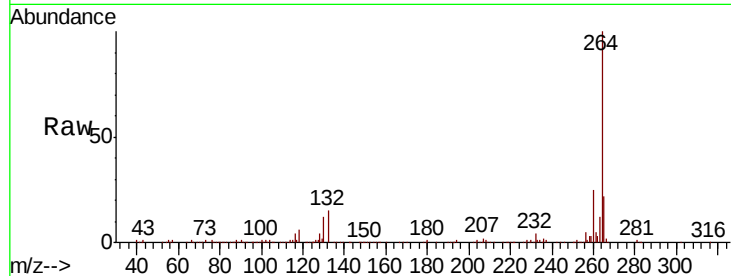
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.7	26.5

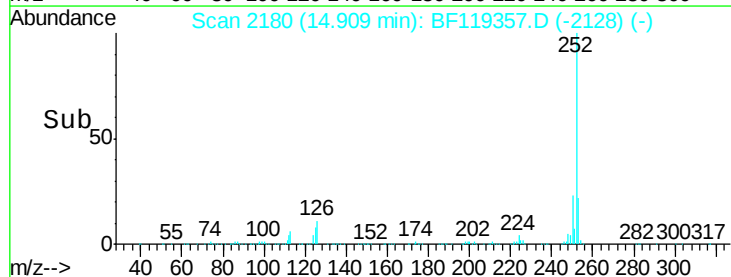
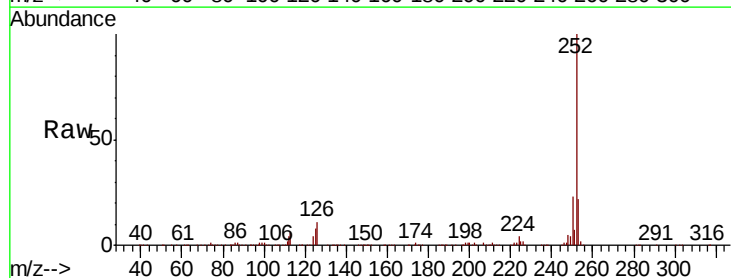
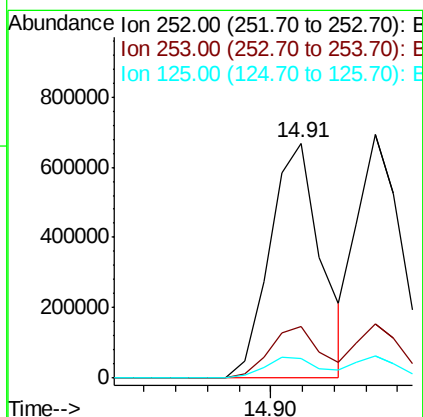
Manual Integrations
APPROVED

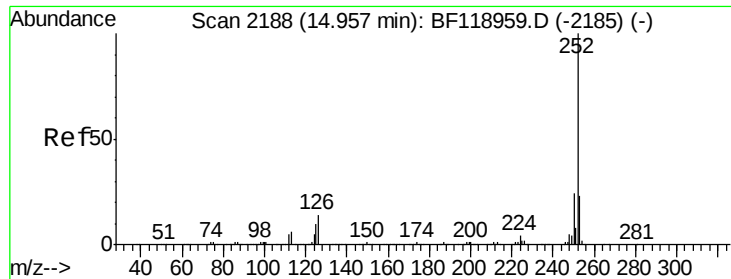
mohammad
3/16/2020 1:46:50 PM



#88
Benzo(b)fluoranthene
Concen: 40.889 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.4	7.4	11.0





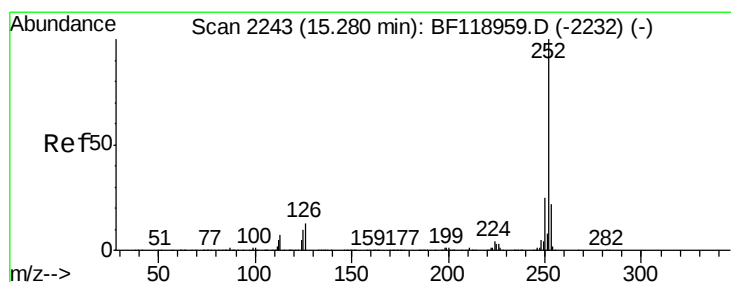
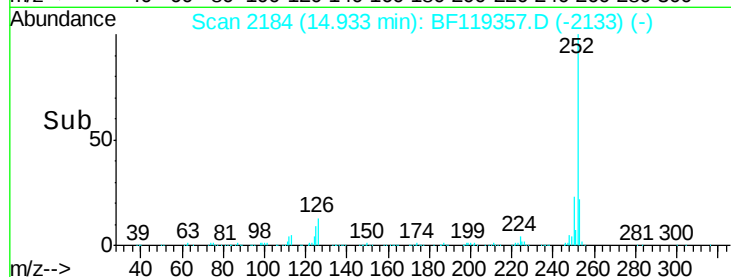
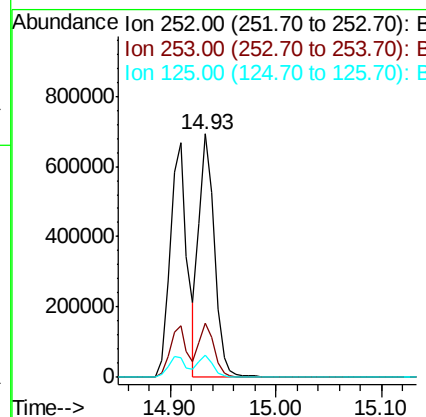
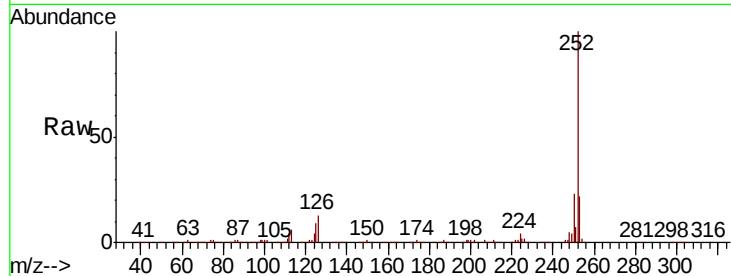
#89
Benzo(k)fluoranthene
Concen: 40.431 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.0	7.5	11.3

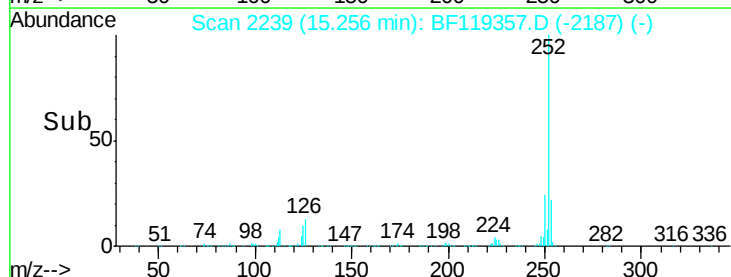
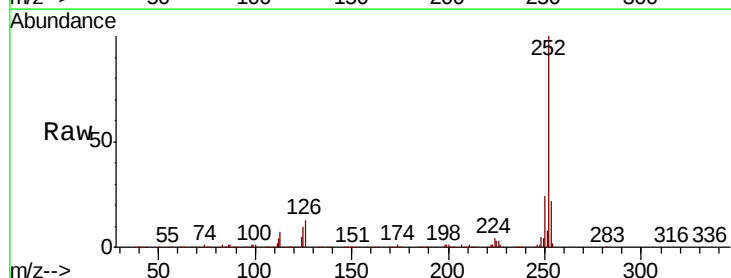
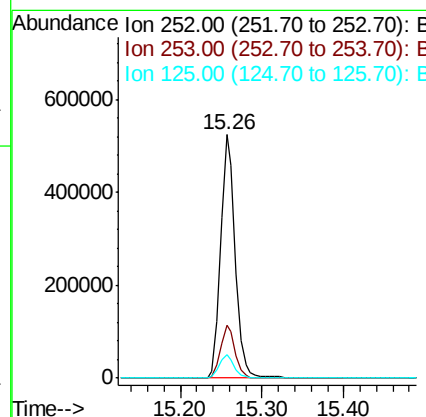
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#90
Benzo(a)pyrene
Concen: 39.223 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.9	8.6	12.8





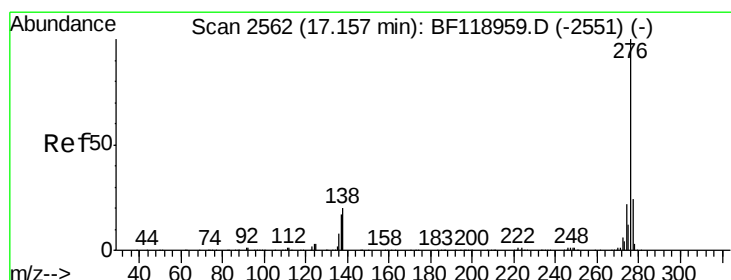
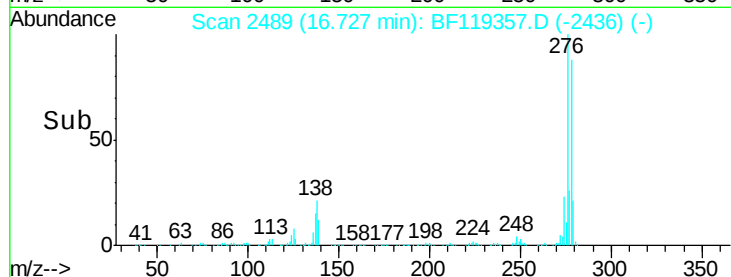
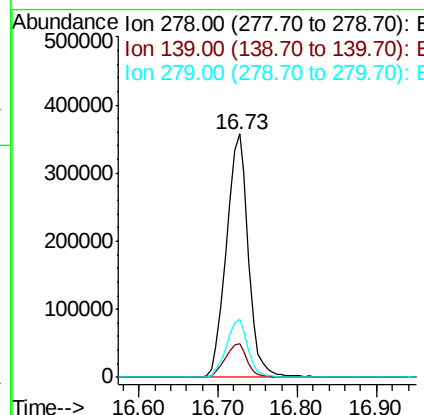
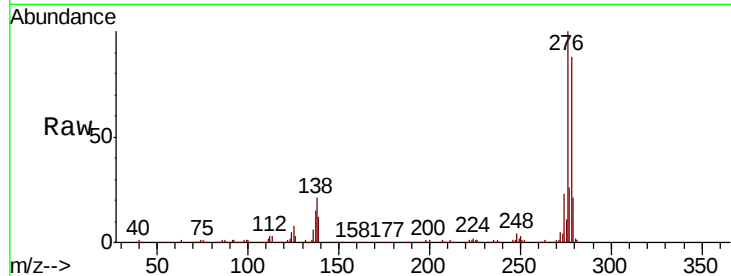
#91
Dibenzo(a,h)anthracene
Concen: 46.921 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:50 PM



#92
Benzo(g,h,i)perylene
Concen: 46.149 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	19.0	14.3	21.5

